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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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PATENTS AND DESIGNS

Calcutta, the 25th October 1997

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Telegraphic address "PATENTOFIC"

1-297GI/97

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Besant Nagar, Chennai-600 090.

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and Aminidivi Islands.

Telegraphic address "PATENTOFIS"

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All applications, notices/statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office,

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पेटेंट कार्यालय

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कलकत्ता, दिनांक 25 अक्टूबर 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :-

पेटेंट कार्यालय शाखा, टाउने हस्टेट,
तीसरा तल, लोअर पर्येल (प.),
मुम्बई-400013 ।

गुजरात, झारखण्ड, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय शाखा,
एकक में 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
बरखानी मार्ग, करोल बाग,
नई दिल्ली-110 005 ।

हरियाणा विभाग प्रवेश, अहम
तथा कश्मीर, पंजाब राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र वंडीगट ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय

विंग "सी" (सी 4, ए),
तीसरा तल, राजाजी भवन,
बसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु,
तथा एण्डमन द्वीप राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिक् द्वीप ।

तार पता - "पेटेंटोफिस"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाग पैलेस विद्युतीय तटस्थता कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटोफिस"

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
उपरोक्त सभी आवेदन-पत्र सचराग, विवरण या अन्य प्रत्येक पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शब्द : इन्कों की अद्यतनी या नो. नकद की जागरी यद्यपि
उपयुक्त कार्यालय में नियंत्रक को भूतान योग्य धनादेश अथवा
डाक आवेदन या जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसारचिन बैंक से नियंत्रक की भूतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20.

The dates shown in the crecent bracked are the
claimed under section 135. Patent Act, 1970.

09-09-1997

1655/Cal/97 Yukong Limited "Continuous quick measure-

ment of Riochemical Oxygen deman and appara-
tue therefor") (Convention No. 96-39431 on 10-9-
96 in Korea).

1656/Cal/97 Universal Power Track Ptv Ltd "An elec-
trical supply assembly" (Convenfion No, P02289
on 10-9-96 in Australia).

1657/Cal 97 Analog Device Inc "A four quadrant multi-
flying apparatus and method".

1658/Cal/97 Alexandroy Georgly Nicolaevich "Controlled
stunt rector".

1659/Cal/97 Iscar Ltd., "An improved miniature cutting
tool".

1660/Cal/97 Matsushita Electric Industrial Co. Ltd . "Anti-
bacterial power paint microwave oven using the
same, and manufacturing method of antibacterial
paint film". (Convention No. 8-254127 on 76-5-
96 in Japan).

1661/Cal/97ZincerTextilmaschinenGMBH"Drafting
mechanism for a spinning machine" (Convention
No. 19638190 8 on 18-9-96 in Germany).

10-09-1997

1662/Cal/97 Mitsui Petrochemical Industres Ltd. "Rubber
modifier composition " (Convention No. 259470/
1996 on 30-9-96 & 222771/1997 on 19-8-97 In
Japan).

1663 /Cal /97 Mitsui Petrochemical Industries Ltd. "Com-
position of a olefin/aromatic vinyl compound
Copolymer and formed product thereof " (Conven-
tion No. 246249 /1996 on 18-9-96 in Japan)

1664 /Cal 97 Libbey -Owens-Ford Co."Glass article having
a solar control coating " (Convention No.08/
713 785 on 13.9.96 in USA).

1665/Cal /97 Johnson & Johnson Medical Inc "Hydrogen

peroxide complexes of organic salts and synthe-
sis thereof " (Convention No. 08/716055 on 19-9-
96 in U S A)

- 1666/Cal/97. S. S. Rao, "An improvement".
- 1667/Cal/97. S. S. Rao, "An improvement".
- 1668/Cal/97. Siemens Aktiengesellschaft, "Method for the transmission of emergency calls in cordless telecommunication systems, particularly Dect/gap systems" (Convention No. 19638170.3 on 11-9-96 in Germany).
- 1669/Cal/97. Siemens Aktiengesellschaft, "Method for controlling the transmission of emergency calls in cordless telecommunication systems, particularly Dect/Gap systems". (Convention No. 19638173.8 on 11-9-96 in Germany).
- 1670/Cal/97. Siemens Aktiengesellschaft, "Procedure for regulating the emergency call connection in cordless telecommunication systems, especially, Dect? Gap-systems". Convention No. 19638112.6 on 11-9-96 in Germany).
- 1671/Cal/97. Siemens Aktiengesellschaft, "Procedure for regulating the establishment of emergency calls in cordless telecommunication systems, especially Dect/ Gap-systems". (Convention No. 19638111.8 on 11-9-96 in Germany).
- 11-09-1997
- 1672/Cal/97. Johnson & Johnson Medical, Inc., "Controlled motion lock for safety catheter" (Convention No. 08/716575 on 19-9-96 in U S A).
- 1673/Cal/97. Siemens Aktiengesellschaft, "Pressure sensor using elements working with acoustic surface waves of W-elements" (Convention No. 19637392.1 on 13-9-96 in Germany).
- 1674/Cal/97. Siemens Aktiengesellschaft, "Method for inerting a generator in a power station" (Convention No. 19637420.0 on 13-9-96 & 19637422.7 on 13-9-96 in Germany).
- 1675/Cal/97. Mitsuba Corporation, "Improved Ignition system" (Convention No. 08-261/21 on 19-9-96 in Japan).
- 1676/Cal/97. Mitsuba Corporation, "Ignitions system" (Convention No. 08-267719 on 19-9-96 in Japan).
- 1677/Cal/97. Syntaelabo, "Tricyclic indazole derivatives, their preparation and their therapeutic application" (Convention No. 9611116 on 12-9-96 in France).
- 12-09-1997
- 1978/Cal/97. Neurogen Corporation, "Certain fused pyrrolicarboxamides; a new class of gaba brain receptor ligands".
- 1679/Cal/97. Owens Corning, "A reinforcement mat" (Convention No. 08/713,318 on 13-9-96 in USA).
- 1680/Cal/97. Owens Corning, "Process and apparatus for making a reinforcement mat" (Convention No. 08/713,319 on 13-9-96 in USA).
- 1681/Cal/97. Samsung Electronics Co. Ltd., "Cooling apparatus used in fabrication of optical fibre preform" (Convention No. 39868/1996 on 13-9-96 in Korea).
- 1682/Cal/97. Samsung Electronics Co. Ltd., "Optical fibre array module and fabrication method" (Convention No. 39870/1996 on 13-9-96 in Korea).
- 1683/Cal/97. Siemens Aktiengesellschaft, "Method of and device for burning, fuel with air" (Convention No. 19637725.0 on 16-9-96 in Germany).
- 1684/Cal/97. Siemens Aktiengesellschaft, "Method of fastening an installation part, and corresponding, Carrier" (Convention No. 19637724.2 on 16-9-96 in Germany).
- 1685/Cal/97. Anil Kumar Sharma, Alok Srivastava, Dr. Shiv Kumar Yadav, Kishore Kumar Khemani, Gurvinder Pal Singh., "A process of preparing 3-methyl cephem derivatives in a halogen free solvent with high yield and purity".
- 15-09-1997
- 1686/Cal/97. Wheelabrator Allevard, "Technical rock sawing mixtures and implementation of these mixtures" (Convention No. 96-11814 on 27-9-96 in France).
- 1687/Cal/97. Samsung Electronics Co. Ltd., "Method of fabricating optical waveguide components" (Convention No. 40186/1996 on 16-9-96 in Korea).
- 1688/Cal/97. Samsung Electronics Co. Ltd., "Aerial optical fibre cable" (Convention No. 40187/1996 on 16-9-96 in Korea).
- 1689/Cal/97. Imard Corporation, "Image signal processing apparatus" (Convention No. 8-244,726 on 17-9-96 & 9-174,073 on 30-6-97 in Japan).
- 1690/Cal/97. Thyssen Stahl Aktiengesellschaft, "Process and apparatus for joining flat products to be interconnected overlapping" (Convention No. 19640612.9-45 on 1-10-96 in Germany).
- 1691/Cal/97. Aluminium Pechiney, "Process for regulating the temperature of the bath of an electrolytic pot for the production of aluminium" (Convention No. 9611962 on 25-9-96 in France).
- 1692/Cal/97. AB Fas Lasfabrik, "A lever lock unit" (Convention No. 9603341-O on 15-9-96 in Sweden).
- 16-09-1997
- 1693/Cal/97. Johnson Electric S.A., "Electric motor" (Convention No. 9620007.6 on 24-9-96 in United Kingdom).
- 1694/Cal/97. Daniell & C. Officine Meccaniche SPA, "Cooling system for cathodes in direct current electric ARC furnaces" (Convention No. UD96A000183 on 27-9-96 in Italy).
- 1695/Cal/97. Danielli & C. Officine Meccaniche SPA, "Method, to weld billets leaving a furnace and a rolling line adopting the method" (Convention No. UD96A000178 on 25-9-96 in Italy).
- 1696/Cal/97. Danielli & C. Officine Meccaniche SPA, "Method to obtain vibrations in the walls of the crystallizer of an ingot mould by means of actuators and the relative device" (Convention No. UD-96A0000180 on 25-9-96 in Italy).
- 1697/Cal/97. Eaton Corporation, "Pin-Type synchronizer" (Convention No. 714,730 on 16-9-96 in USA).
- 1698/Cal/97. Eaton Corporation, "Pin-Type synchronizer" (Convention No. 715,262- on 16-9-96 in USA).
- 1699/Cal/97. Eaton Corporation, "Pin-Type synchronizer" (Convention No. 714,731 on 16-9-96 in USA).
- 1700/Cal/97. Eaton Corporation, "Pin-Type synchronizer" (Convention No. 714,732 on 16-9-96 in USA).
- 1701/Cal/97. Engelhard Corporation, "Chemical process for fractionating mineral particles based on particle size" (Convention No. 08/716,514 on 18-9-96 in USA).
- 1702/Cal/97. Siemens Aktiengesellschaft, "Self-Aligned non-volatile memory cell" (Convention No. 19639026.5 on 23-9-96 in Germany).
- 1703/Cal/97. Siemens Aktiengesellschaft, "Analysing safeguard for a semi-conductor chip" (Convention No. 1963903308 on 23-9-96 in Germany).
- 1704/Cal/97. Siemens Aktiengesellschaft, "Chip module A method of producing a chip module" (Convention No. 19639025.7 on 23-9-96 in Germany).

1705/Cal/97. Siemens Aktiengesellschaft, "Method for the parameterization of a receiving station comprising adaptive antenna device and an adaptive filter for time variant channels" (Convention No. 19639414.7 on 25-9-96 in Germany).

1706/Cal/97. Siemens Aktiengesellschaft, "Method and arrangement for controlling functions in a program-controlled circuit, arrangement when the operating voltage fails" (Convention No. 196396 44.1 on 26-9-96 in Germany).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, at any time within four months of the date of this issue or within further period not exceeding one month applied for on form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed form-15, or such opposition. The written statement of opposition should be filed along with the said notice or within one month of the date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and international Classification.

Typed OR photo copies of the specifications together with, photo copies of the drawing, if any, can be supplied by the patent Office, Calcutta of the appropriate Branch office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्धित आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक, या अग्रिम एसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदक एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्र के उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित दस्तावेज उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसको तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियाँ यदि कोई हों, के साथ विनिर्देशों की अंकिता अथवा फोटो प्रतियाँ की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार पर एक कार्यालय से एक व्ययद्वारा

द्वारा सुनिश्चित करने के उपरांत उसकी मवायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सम्बन्ध में वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (क्याँकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Int. Cl. : E 02 F

9/22

179551

Int. Cl. : E 02 F 9/22

HYDRAULIC DRIVE SYSTEM FOR CONSTRUCTION MACHINE.

Applicant : HITACHI CONSTRUCTION MACHINERY CO. LTD., OF 6-2, OHTEMACHI 2-CHOME, CHIYODO-KU, TOKYO, JAPAN.

Inventors :

- (1) TOICHI HIRATA
- (2) GENROKU SUCIYAMA
- (3) MASAMI OCHIAI.

Application No. 252/Cal/1993 filed on 3rd May, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

5- Claims

A hydraulic drive system for a construction machine comprising at least first and second hydraulic pumps (25a, 25b), at least first and second actuators (19, 21) driven by a hydraulic fluid supplied from said first and second hydraulic pumps, first and second valve apparatus (50, 51) respectively disposed between said first and second hydraulic pumps and said first and second actuators for selectively controlling operation of said first and second actuators, and first and second pump control means (30a, 30B) for respectively controlling said first and second hydraulic pumps so that pump delivery pressures are held higher than higher one of load pressures of said first and second actuators, said first valve apparatus comprising a first flow control valve (11a) a first pressure control valve (13a) and a first directional control valve (7) arranged in this order, said second valve apparatus comprising a second and third flow control valve (17a, 12b) a second pressure control valve (15b) and a second directional control valve (9) arranged in this order said hydraulic drive system further comprising a pressure signal transmitting line (52) for introducing, as a pressure signal, higher one of the load pressures of said first and second actuators to said first and second pressure control devices, said first and second pressure control devices being operated in response to said pressure signal to respectively control pressures downstream of said first and second flow control devices.

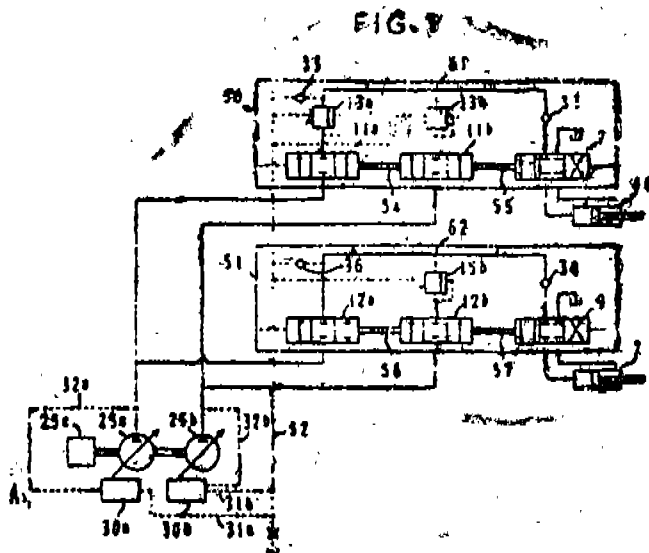
said first flow control device comprises a first flow control valve (11a) and first interlock means (54, 55) for interlocking said first flow control valve with said first directional control valve (7), and said second flow control device comprises second and third flow control valves (12a, 12b) and second interlock means (56, 57) for interlocking said second and third flow control valves with said second directional control valve (9),

said first pressure control device comprises a first pressure control valve (13a) operated in response to said pressure signal in a valve-closing direction, and said second pressure control device comprises a second pressure control valve (15b) operated in response to said pressure signal in a valve-closing direction, and

said first hydraulic pump (25a) is connected to said first actuator (19) via said first flow control valve (11a), said first pressure control valve (13a) and said first directional control valve (7); said first hydraulic pump (25a) is also connected to said second actuator (21) via said second flow control valve (12a) and said second directional control valve (9) such that said first and second actuators are connected in parallel to each other with

respect to said first hydraulic pump, and said second hydraulic pump (23b) is connected to said second actuator (21) via said third flow control valve (12b), said second pressure control valve (15b) and said second directional control valve (9), characterized in that :

- (A) said first hydraulic pump (25a) is connected to said second actuator (21) via said second flow control valve (12a) and said second directional control valve (9) without passing any pressure control valve,
- (B) said first flow control device further comprises a fourth flow control valve (11b) and first Interlock means (55) for interlocking said fourth flow control valves with said first directional control valve (7), and said second hydraulic pump (25b) is connected to said first actuator (19) via said fourth flow control valve (11b) and said first directional control valve (7) such that said first and second actuators are connected in parallel to each other with respect to said second hydraulic pump.



(Compl. Specn. 60 pages;

Drgs. Nil.)

Cl. : 32 C

179552

Int. Cl⁴ : C 07 D 487/22;
C 03 B 47/04.

"A PROCESS FOR THE PRODUCTION OF A PHTHALOCYANINE PIGMENT"

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors : 1. ERWIN DIETZ
2. MANFRED URBAN.

Application No. 298/Cal/1993 filed on 31st May, 1993.

Appropriate office for opposition proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

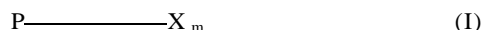
16 Claims

A process for the production of a phthalocyanine pigment which comprises :

- (a) first wet milling a phthalocyanine pigment in an inert liquid medium in a stirred ball mill wherein the pigment concentration in the mill base suspension is at most 40% by weight, preferably 10 to 35% by weight, in particular 10 to 20% by weight which is operated at a power density of more than 2.5 kw per liter of milling space and a peripheral speed of the stirrer of more than 12 m/s with ex-

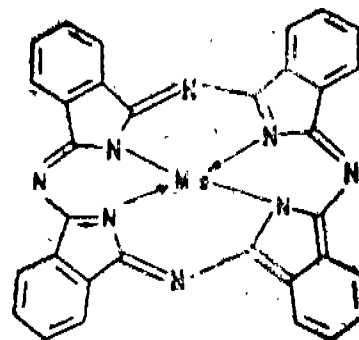
sure to a grinding" medium having a diameter of less than 1 mm under phase-conserving conditions, then

- (b) subjecting the prepigment composition obtained by (a) to a finishing treatment at elevated temperature, and
- (c) then isolating the resulting pigment, and preferably there is added one or more times, before, during or after one or more of the individual steps (a), (b) and (c), at least one pigment dispersing agent of the formula (I) :



in which

P is an m-valent radical based on the formula (II).



in which

m is from 1 to 6,

Me is two hydrogen atoms or a divalent metal atom, preferably a copper, iron, zinc, nickel, cobalt or tin atom, in particular a copper atom, and

X is a group of the formula (IIIa)

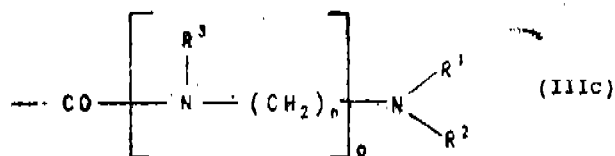


or a group of the formula (IIIb)

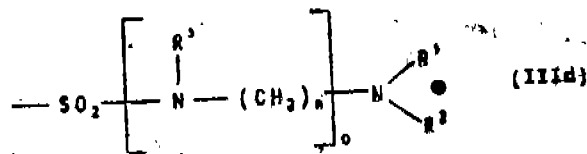


in which M is a hydrogen atom or an equivalent of an alkali metal ion, alkaline earth metal ion or ammonium ion or in which

X is a group of the formula (IIIc)



or a group of the formula (IIId)



in which R¹ and R² are identical or different and are a hydrogen atom, a C₁C₂₀-alkyl, C₂-C₂₀-alkenyl group or a C₅-C₇-cycloalkyl group, or in which R¹ and R² together with the adjacent nitrogen form an aliphatic or aromatic, five- or six-membered hetero-cyclic system having in each case 1 to 3 identical or different heteroatoms belonging to the ring from the series comprising nitrogen, oxygen or sulfur,

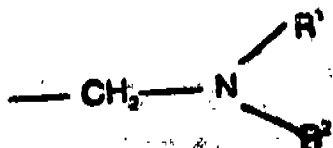
R³ is a hydrogen atom or a C₁-C₄-alkyl group,

n is from 1 to 6,

o is 0 or 1, and

m is from 1 to 4, of in which

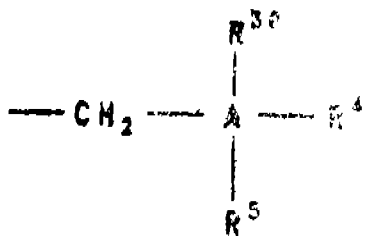
X is an aminomethylene group of the formula (IIIe)



(IIIe)

in which R^1 and R^2 have the abovementioned meaning and m is from 1 to 6, or in which

X is a group of the formula (IIIf)



(IIIf)

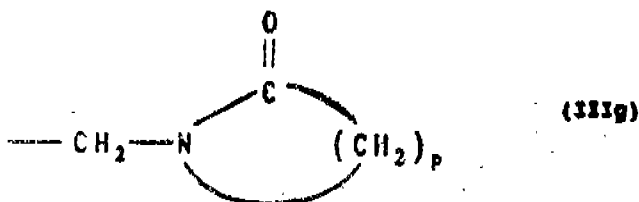
in which A is a five- or six-membered aromatic ring or a fused aromatic heterocycle containing 1 to 3 identical or different heteroatoms from the series comprising nitrogen, oxygen or sulfur and the heterocycle is bound to the methylene group via a carbon atom,

R^{30} and R^4 are a hydrogen atom, a C_1 - C_1 -alkyl, a C_2 - C_4 -alkenyl or an aryl group, aryl being phenyl which is unsubstituted, or substituted by 1 to 4 radicals from the group comprising C_1 - C_6 -alkyl, halogen, preferably F, Cl or Br, C_1 - C_6 -alkoxy, cyano, $CONH^2$ and $COOR^{12}$ being hydrogen or C_1 - C_6 -alkyl, R^{30} and R^4 together can also form an aliphatic or aromatic ring,

R^5 is a hydrogen atom, a C_1 - C_4 -alkyl, a C_1 - C_3 -hydroxy-alkyl or a C_2 - C_4 -alkenyl group and

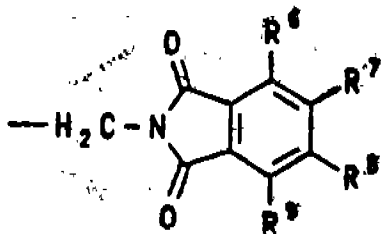
m is from 1 to 4, or in which

X is a group of the formula (IIIg)



(IIIg)

p being from 3 to 6, and m being from 1 to 4, or X is a phthalimide group of the formula (IIIh)



(IIIh)

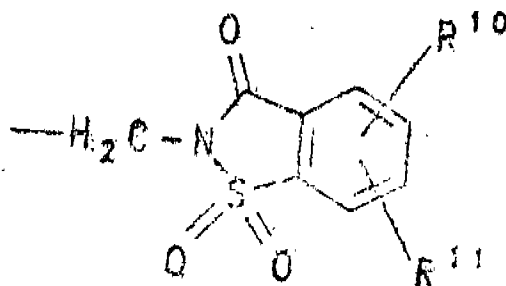
in which R^6 , R^8 and R^9 are identical or different and are a, hydrogen, fluorine, chlorine or bromine atom,

R^7 is a hydrogen, fluorine, chlorine or bromine atom or a nitro, C_1 -alkyl, C_1 - C_5 -alkoxy, or benzoyl-amino group

and

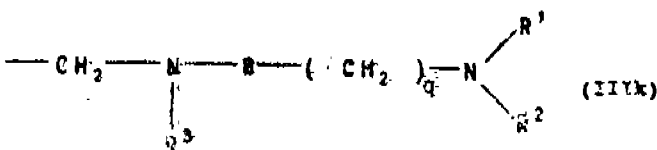
m is from 1 to 4, or in which

X is an o-sulfobenzimidomethylene group of the formula (IIIi)



in which R^{10} and R^{11} are identical or different and are a hydrogen, chlorine or bromine atom or a C_1 - C_4 -alkyl, C_1 - C_4 -alkoxy or a nitro group, and m is from 1 to 4, or in which

X is a group of the formula (IIIk)



(IIIk)

in which B is a carbonyl or sulfonyl group, and R^1

R^2 and R^8 have the abovementioned meaning,

q is 1 or 2, and

m is from 1 to 4,

or there is added at least one pigment dispersing agent of the formula (I) containing variants of the abovementioned radicals X in one molecule.

(Compl. Specn. 52 Pages;

Drgns. 3 Sheets)

Cl. : 63 G

179553

Int. Cl.⁴ : H 02 K 7/18

A MODULAR DEVICE FOR THE OPTIMIZATION OF THE EFFICIENCY OF A MACHINE HAVING A TURBINE AND A GENERATOR.

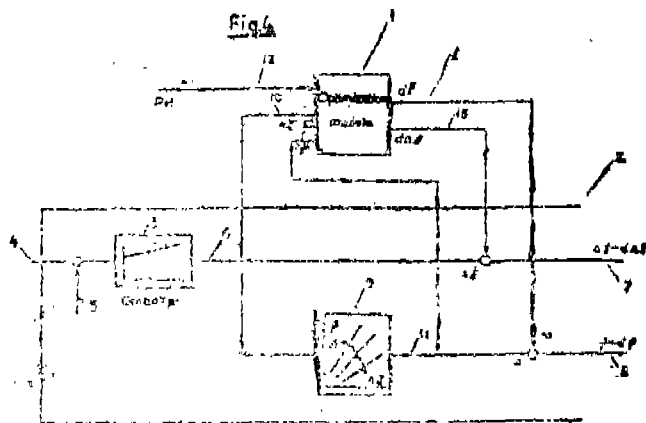
Applicant : J. M. VOITH GMBH, OF 7920 HEIDENHEIM SANKT POLTENER STRASSE 43, POSTFACH 1940 GERMANY.

Inventor : DR KOPF EBERHARD.

Applicatioa No.527/CAL/1993 filed on 14th June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

A modular device for the optimization of the efficiency of a machine having a turbine and a generator in a power plant comprising an optimizing module (1) in conjunction with a control system (2), the said control system being provided with a controller (3) fed with set points (4) and actual values (5) which lead or actuate set gate opening for being fed to said turbine via outputs (7) and (8) via mapping-processing module (9), the said optimizing module (1) being connected to a measured electrical output of the generator via input (13).



(Compl. Specn. 14 Pages; Drgns. 6. Sheets)

Cl. : 125 179554

Int. Cl.⁴ : G 01 B 7/22

A TAPE MEASURE DEVICE.

Applicant : MITUTOYO CORPORATION, OF 31-19, SHIBA 5-CHOME, MINATO-KU, TOKYO, JAPAN.

Inventors :

- (1) HIROSHI KOIZUMI
- (2) MITSUGU SUGAWARA
- (3) TORU KODATO.

Application No. 361/Cal/1993 filed on 25th June, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

16 Claims

A tape measure device comprising ;

a belt tape member (10) made of a flexible material and having electric non-conducting properties;

a cursor (20) slidably movable on and along said belt tape member;

an encoder (25) comprising a first displacement sensing element (13) having first electrodes (13) provided on and along said belt tape member at predetermined intervals, a second displacement sensing element (31) provided in a side of said cursor and having a set of sending electrodes (31) confronting with the first electrodes and a receiving electrode (32), a sending circuit (33) connected to said sending electrodes and a receiving circuit (34) connected to said receiving electrode for producing signals in response to a change of electrical capacitance between the first electrodes and the sending electrodes (31) to thereby indicate relative displacement value between the first displacement sensing element and the cursor; and

a display (22) connected to said receiving circuit for displaying the detected relative displacement value.

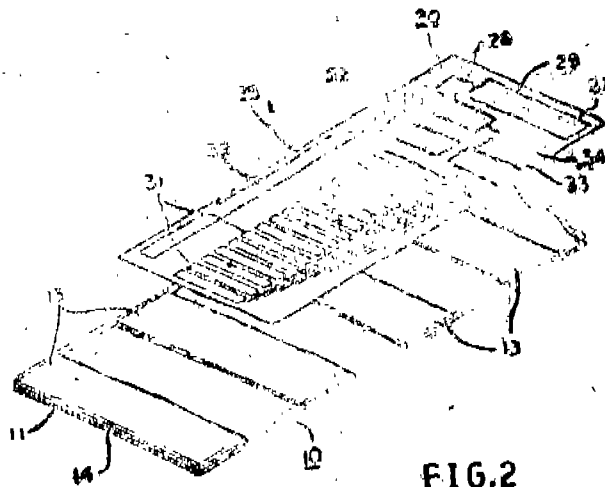


FIG. 2

(Compl. Specn. 21 Pages; Drgns. 9 Sheets)

Cl. : 128 G 179555
Int. Cl.⁴ : A 61 L 15/01

A PROCESS FOR PREPARING A PRODUCT SUITABLE FOR ABSORBING WOUND EXUDATE.

Applicant : JOHNSON & JOHNSON MEDICAL, INC. OF 2500 ARBROOK BOULEVARD, ARLINGTON, TEXAS 76019, UNITED STATES OF AMERICA.

Inventors :

- (4) JOHN PATRICK MCCABE
- (2) PETER JOHN STEVENS.

Application No. 386/Cal/1993 filed on 5th July, 1993.

(Convention No. 9216285.8 on 31-7-92 in U.K.).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules 1972), Patent Office, Calcutta.

14 Claims

A process for preparing a product suitable for absorbing wound exudate comprising :

preparing alginic acid gel having a thickness of 0.01 to 2mm by introducing cation into a solution of water soluble alfinat having alginate concentration between 2 and 20% by weight of the solution,

formulating said alginic acid gel into bits,

threading said bits to a string such as herein described.

(Compl Specn. 7 pages; Drgns. 1 Sheet.)

Cl. : 86 B 179556
Int. Cl.⁴ : A 47 C 1/035

CHAIR WITH SEAT DEPTH ADJUSTMENT.

Applicant : FRIEDRICH W. DAUPHIN GMBH
ENTWICKLUNGS UND BETEILIGUNGS-
GESAMTSCHAFT, STRASES 29, D-91238 OFFENHAUSEN,
PUBLIC OF GERMANY.

Inventor : FRIEDRICH WILHELM DAUPHIN.

Application No. 446/Cal/1993 filed on 5th August, 5th 1993.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule 1972, Patent Office Calcutta.

8 Claims

Chair, in particular office chair, with a chair frame (pedestal 1, chair column 3) a seat (5) supported thereon and a backrest (7), the seat comprising a base portion (11) forming the main seating face and a rim portion (14) supported on the latter's front rim (12) to be pivotable about a horizontal transverse axis (13) and from the front rim section of the seating face, the rim portion (14) being adjustable into different pivoted positions referred to the base portion by means of an adjusting mechanism (17), characterized in that the adjusting mechanism (17) comprises an adjusting spindle (20), which is rotatably supported in parallel to the transverse axis (13) underneath the seat (5) on the base portion (11) and on which a two-armed adjusting level (26, 26') extending at right angles to the adjusting spindle (20) is supported to be pivotable about the adjusting spindle (20) and to be transversely displaceable by a spindle rotation in the direction of the spindle axis (24), and in that with its bracket (29) facing the rim portion (14) the adjusting level (26, 26') is in articulated connection with the rim portion (14) and with its guide arm (32, 32') facing the base portion (11) is in engagement with an inclined guidance (33) of a guide link (34, 34') on the base portion (11), such that when transversely displaced occasioned by the spindle rotation the adjusting lever (26, 26') and with it the rim portion (14) are pivotable.

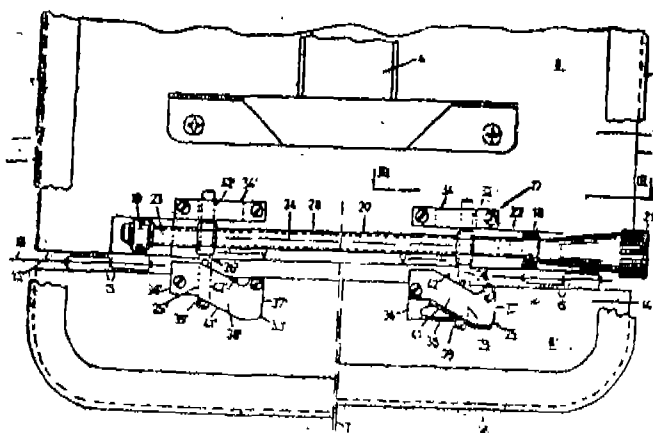


Fig. 2.

(Compl. Specn. 11 Pages: Drgns. 4 Sheets)

Cl. : 132 C, D 179557

Int. Cl.⁴ : B 01 F 3/04

AN APPARATUS FOR AERATING LIQUIDS.

Applicant : HEINRICH FRINGS GMBH & CO. KG., OF JONAS-CAHNSTRASSE 9, D-53115 BONN, GERMANY.

Inventor : DR. KARL GOLOB.

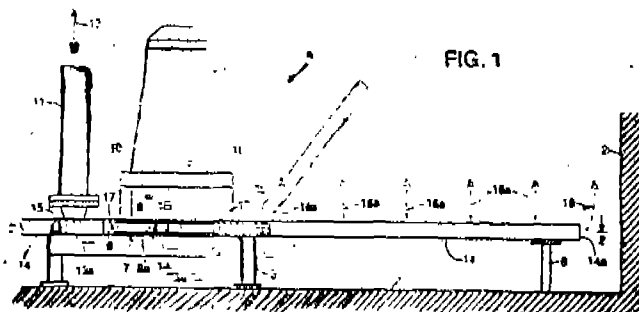
Application No. 518/Cal/93 filed on 06th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972, Patent Office Calcutta.

10 Claims

Apparatus for aerating liquids, which comprises a gas and liquid centrifuging vaned rotor (6) driven by a submersible motor (4) adapted to be arranged in the bottom region (1) of a liquid holding container (2) for rotation about a vertical axis of rotation so as to entrain liquid and gas into the form of a liquid gas mixture and to centrifuge the liquid gas mixture horizontally outwardly of the rotor, a stator (7) surrounding the vaned rotor (6) and constructed to conduct respective portions of the liquid gas mixture from the submersible rotor to the outer perimeter of the stator through plurality of outlet pipes (9), characterised by that a plurality of elongated distributing pipes (14) having respective intake and discharge ends (14b, 14a) are connected at their

intake ends (14b) to the stator (7) at a plurality of circumferentially spaced locations for conducting the liquid gas mixture horizontally outwardly away from the outlet pipes (9) at the outer perimeter of the stator (7); the distributing pipes (14), which extend over the entire basal area of the aeration region, are provided over the entire length of the distributing pipes with respective upwardly directed distribution openings (15, 15') to discharge the liquid gas mixture travelling through the distributing pipes (14) to enter the body of liquid along the entire lengths of the distributing pipes.



(Compl. Specn. 24 Pages;

Drgns. 4 Sheets)

Cl. : 85 F. G. K.

179558

Int. Cl.⁴ : F23 B 1/00.

"INTEGRATED LOW NO TANGENTIAL FIRING SYSTEM".

Applicant : COMBUSTION ENGINEERING, INC., OF 1000 PROSPECT HILL ROAD, WINDSOR, CONNECTICUT 06095, UNITED STATES OF AMERICA.

Inventors : (1) MICHAEL JOHN RINI,
(2) TODD DAVID HELLEWELL,
(3) DAVID POPE TOWLE,
(4) PATRICK JOHN JENNINGS,
(5) RICHARD CHARLES LAFLESH, AND
(6) DAVID KENNETH ANDERSON.

Application No. : 633/Cal/1993 filed on 19th October, 1993.

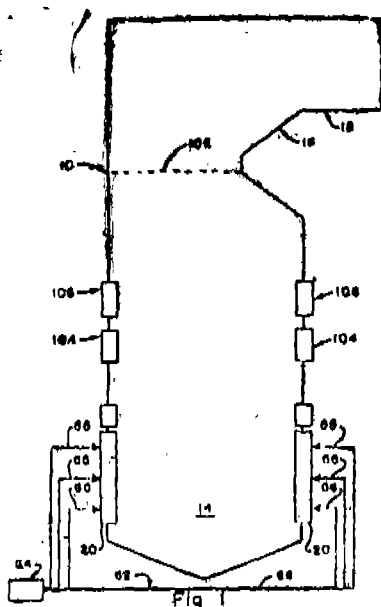
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

15 Claims

An integrated low NOx tangential firing system for a pulverized solid fuel-fired furnace having a plurality of walla embodying therewithin a burner region containing a multiplicity of combustion zones of differing stoichiometries comprising :

- a pulverized solid fuel supply means for supplying pulverized solid fuel of a predetermined fineness;
- a windbox mounted within the burner region of the pulverized solid fuel-fired furnace;
- a plurality of pulverized solid fuel compartments mounted within said windbox;
- a nozzle tip supported in mounted relation within each of said plurality of pulverized solid fuel compartment, each of said plurality of said nozzle tips, being connected to said pulverized solid fuel supply means for receiving therefrom pulverized solid fuel of a predetermined fineness, said tips being operative to effect the injection therethrough into the burner region of the pulverized solid fuel-fired furnace of the pulverized solid fuel of a predetermined fineness received thereby from said pulverized solid fuel supply means in such a manner that the ignition point of the injected pulverized solid fuel of a predetermined fineness is located less than two feet from said flame attachment pulverized solid fuel nozzle tip;

- (e) a plurality of combustion supporting air compartments mounted within said windbox, said plurality of combustion supporting air compartments being operative to inject therethrough into the burner region of the pulverized solid fuel-fired furnace a sufficient quantity of combustion supporting air such that the stoichiometry is between 0.5 and 0.7 in a first combustion zone of the burner region of the pulverized solid fuel - fired furnace ;
- (f) at least one close coupled air compartment mounted in said windbox, said at least one close coupled said air compartment being operative to inject therethrough into the burner region of the pulverized solid fuel-fired furnace a sufficient quantity of close coupled overfire air such that the stoichiometry is between 0.7 and 0.9 in a second combustion zone of the burner region of the pulverized solid fuel-fired furnace;
- (g) a low level of separated air located in spaced relation to said windbox within the burner region of the pulverized solid fuel-fired furnace, said low level of separated overfire air being operative to inject into the burner region of the pulverized solid fuel-fired furnace a sufficient quantity of separated overfire air such that the stoichiometry is between 0.9 and 1.02 in a third combustion zone of the burner region of the pulverized solid fuel-fired furnace ; and
- (h) a high level of separated air located in spaced relation to both said low level of separated overfire air and said windbox such that the time that it taken for the gases generated from the combustion of the injected pulverized solid fuel to travel from the top of said windbox to the top of said high level of separated air exceeds 0.3 seconds, said high level of separated overfire air being operative to inject into the burner region of the pulverized solid fuel-fired furnace a sufficient quantity of separated overfire air such that the stoichiometry exceeds 1.07 in a fourth combustion zone of the burner region of the pulverized solid fuel-fired furnace,



(Compl. Specn. : 47 pages; Drgns. : 11 Sheets)
2—297 GI/97

Cl. : 97 F 179559

Int. Cl.⁴ : F 02 B 77704.

"A METAL HONEY COMB BODY THROUGH WHICH A FLUID CAN FLOW".

Applicant : EMITEC GESELLSCHAFT FUR FMISSION-STECHNOLOGIE MBH, OF HAUPFSTRASSE 150, 51429 BERGISCHE GLADBACH, GERMANY.

Inventor : ROLF BRUCK.

Application No. : 772/Cal/1993 filed on 08th December, 1993.

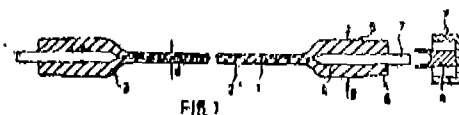
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

11 Claims

A metal honeycomb body (20, 30) through which a fluid can flow, havins a metal housing (35), in particular a catalyst carrier body for cleaning motor vehicle exhaust gases, and having an electrically conductive structure (1, 3, 4) comprising at least one conductor (1, 4) that is electrically insulated from the honeycomb body (20, 30) at least in some regions and is in good thermal contact with the honeycomb body (20, 30) or directly with the fluid, wherein the conductor (1, 4) is connectable to a power supply line (8, 9) disposed outside the housing (35), via at least one connection (5, 6, 7) and the connection (5, 6, 7) is guided through the housing (35) in an electrically insulated manner,

characterized in that

the structure (1, 3, 4) comprises, a casing (2, 5) electrically insulated from the conductor (1, 4) wherein the conductor (4) and the casing (5), in the region of the connection have a larger cross section (D) than the cross section (d) of the conductor (1) and casing (2) in the interior of the honeycomb body (20, 30) conductor (4, 5, 6, 7) in the region of the connection (5, 6, 7) has a lower resistance than in the interior of the honeycomb body (20, 30).



(Compl. Specns. : 14 pages; Drgns : 03 Sheets)

Cl. : 128 A

179560

Int. Cl.⁴ : A 61 F 13/20,

"ENVIRONMENTALLY FRIENDLY CATAMENTAL TAMPON ASSEMBLY AND METHOD OF MAKING THE SAME",

Applicant : MCNEIL-PPC, INC., OF VAN LIEW AVENUE- MILLTOWN, NEW JERSEY, UNITED STATES OF AMERICA.

Inventors : (1) JOHN ORENGA, AND
(2) EDWIN H. SAILER.

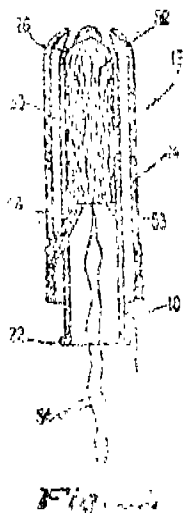
Application No. : 803/Cal/1993 filed on 20-12-1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

42 Claims

A tampon assembly comprising an inner and an outer sleeve and a pledget, the outer sleeve comprising a tube which is fabricated from biodegradable material, said tube having an inner surface, said inner surface having a slot formed to receive the tang and closure petals; and retaining

tang positioned adjacent said inner surface, said retaining tang also being fabricated from biodegradable material.



(Compl Specns. : 21 pages; Drgns. : 06 Sheets)

Ind.Cl.: 32 F (2b) 179561

In. Cl.⁴ : B 01 J 19/28.
C 07 D 25/32.

"A PROCESS AND A PLANT FOR PRODUCING CYANURIC ACID".

Applicant : PATENTES Y NOVEDADES, S. L. OF PASSEIG DE SANT JOAN 13-15,08010-BARCELONA SPAIN.

Inventor : LUIS VANCELLS.

Application No. : 527/Cal/92 filed on 22nd Jul., 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

11 Claims

A process of producing cyanuric acid comprising : reacting urea with recirculated cyanuric acid of the process in a first rotary reactor having a helical fln extending inwardly from the internal cylindrical surface of the of and being heated to a temperature ranging from 180° 0°C, to obtain balls of urea cyanurate without agglomeration;

pyrolysing said urea cyanurate at 200°C to 300°C in a second rotary reactor to obtain the cyanuric acid collected at the rear end of said second rotary reactor, part of said cyanuric acid being recirculated to said first reactor; and

separating the suspended solids, carried along with the produced gases in a solids separator vessel containing an aqueous solution such as herein described, for forming a suspension of said solids in said aqueous solution and removing periodically said aqueous suspension of said solids.

(Compl. Specns. : 09 pages; Drgns.: 02 Sheets)

Ind. Cl. : 88 F 179562

III Cl.⁴ : B 01 D 53/34.

"PROCESS FOR REMOVING H₂S FROM GASES USING AN ALKALI-CARBONATE SOLUTION".
USING AN

Applicants : DRUPP KOPPERS GMBH OF ATTERDORFER STRASSE 120, D-4300 ESSEN 1- GERMANY.

Inventors : (1) NORBERT DEUSER,
(2) PETER DIEMER,
(3) MANFRED GROSS,
(4) WILFRIED SEYFFERTH.

Application No. : 647/Cal/92 filed on 08th Sep., 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta,

07 Claims

Process for removing H₂S from gases using an alkali-carbonate solution with varying degrees of regeneration, characterised in that for removing H₂S from low-pressure and high-pressure gas potash solutions are used, the potash contents of which are kept in the range of 60 and 120 g/l of K₂CO₃, the desulphuration of the low-pressure gas taking place in the pressure range of 0.9 to 1.2 bar down to a residual H₂S content of 0.1 to 0.5" of H₂S/m³ of gas in two stages using potash solutions of varying degree of regeneration and the desulphurisation of the high-pressure gas taking place in the pressure range from 2 to 25 bar down to an H₂S content of 2 mg of H₂S/m³ of gas using potash solution and caustic soda solution, the loaded potash solutions from the low-pressure and high-pressure scrubbing being subjected to joint regeneration at a temperature of 55 to 65°C and a pressure of 0.1 to 0.3 bar preferably at 60°C and 0.2 bar and the loaded caustic soda solution as well as the spent potash solution are discarded from the process either into the NH₃ stripper of a coke oven gas treatment plant or into the flushing water system of a coking plant.

(Compl. Specns. : 11 pages; Drgns.: 01 Sheet)

Ind. Cl. : 206 F 179563

Int. Cl.⁴ : H 03 C-3/00.

"A MODULATOR FOR MODULATING DATA AND MODEM INCORPORATING THE MODULATOR".

Applicant : GLENAYRE ELECTRONICS, INC. OF 5935 CARNFIE BOULEVARD, CHARLOTTE, NORTH CAROLINA 28209. U.S.A.

Inventor : TODD ALAN STEWART.

Application No. : 11/Cal/93 filed on 5th Jan., 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent RULES 1972), Patent Office, Calcutta.

06 Claims

A modulator for modulating data and producing an output signal that conveys the data over a data channel at a data rate, said modular comprising :

- a tone generator (50) for generating frequency shift keyed (FSK) tones that are modulated by the data about a first center frequency that is substantially different from a center frequency of the data channel that carries the output signal of the modulator;
- a filter (54) coupled to the tone generator to receive the modulated FSK tones, said filter producing a filtered signal having a bandwidth that is less than or substantially equal to the bandwidth of the data channel; and
- a frequency shifter (58) for shifting the frequency of the filtered signal so that a frequency spectrum of the modulated FSK tones comprising the filtered signal is contained within the data channel, said frequency shifter being connected to the output of

the filter, the frequency shifter thereby substantially eliminating an interference between positive and

negative images of the frequency spectrum of the output signal of the modulator.

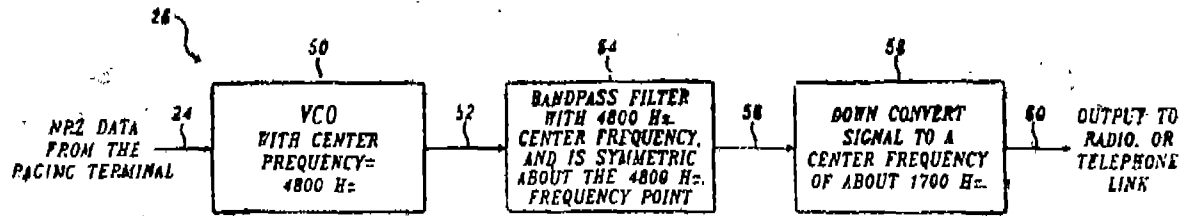


FIG. 2A.

(Compl. Specns. : 34 pages;

Drgns. : 18 Sheets)

Ind. Cl. : 37 C

179564

Int. Cl.⁴ : B 04 B-11/01.

"A LOADING CONTROL APPARATUS FOR A CENTRIFUGAL MACHINE".

Applicant : THE WESTERN STATES MACHINE COMPANY, OF 1798 FAIRGROVE AVENUE, HAMILTON, STATE OF OHIO 45012. U.S.A.

Inventors : (1) JOSEPH BERNARD BANGE,
(2) DONALD JOHN HENKEL.

Application No. : 362/Cal/93 filed on 28-6-93.

Appropriate Office for Opposition Proceedings (Rule 4, patent Rules 1972), Patent office, Calcutta.

08 Claims

A loading control apparatus for a centrifugal machine comprising centrifugal apparatus (10) including a rotary centrifugal basket (14), a loading gate (20) movable between closed and open positions to control the delivery of charge material through said gate for loading the basket and loading control means (12) operative in response to each opening of said gate for closing said gate when a certain final volume of charge material is accumulated in the basket, said control means comprising :

means (P1, A11, 80) for moving said gate from a closed position to a gate full open position that is variable in extent to adapt it for loading operation of the charge material;

pinch position adjusting means (P2, A9, 92) operative in response to the load in the basket approaching said final volume for moving the gate from the gate full open position to a pinch position to slow said delivery;

means (p3, A10, 80) operative in response to the load reaching the final volume for moving the gate from the pinch position to the closed position ; and

a pinch position control circuit (112) which is operative in response to a variation of the extent of the movement of the gate in said gate full open position (GFO, P1) to automatically select a corresponding proportion (GP) that the gate will be open when in said pinch position.

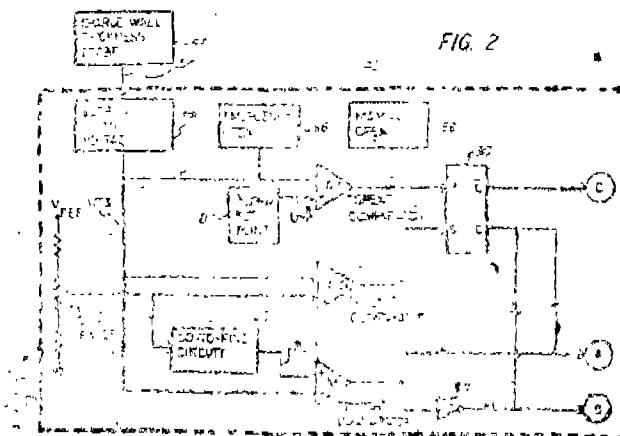
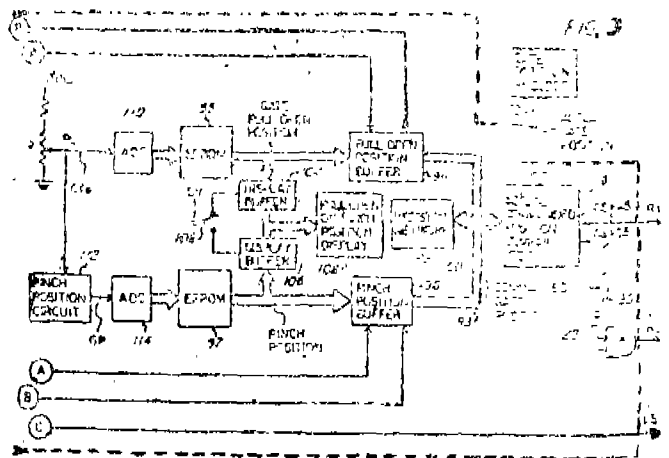


FIG. 2



(Compl. Specns. : 26 pages;

Drgns.: 07 Sheets)

Ind. Cl. : 117

179565

Int. Cl.⁴ : E 05 B-49/02.

"ELECTRIC CODE LOCK SET FOR TELECOMMUNICATION CABINET".

Applicant : (1) EDWARD HSING, (2) HSIEG SHEING-CHENG (3) DICK CHENG OF 533 CHUNG CHENG ROAD, 10 F HSING TIEN CITY, TAIPEI HSIEN, TAIWAN.

Inventors : (1) EDWARD HSING,
(2)
(3) DICK CHENG.

Application No. : 400/Cal/93 filed on 13-7-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules. 1972), Patent Office, Calcutta.

18 Claims

A telecommunication cabinet electric code lock set comprising a telecommunication cabinet body, an electric code lock (6, 9, 21, 22, 23, 25, 31, 33, 37) mounted in said telecommunication cabinet body and a code-inputting device (15) for inputting hereby an input code for unlocking said electric code lock (6, 9, 21, 22, 23, 25, 31, 33, 37) wherein the electric code lock (23, 25, 31, 33, 37) comprises a code-storing device (22) for storing therein a preset lock code, an electric lock (23, 25, 31, 33, 37) energized by an electric lock power source as herein described, a code-identifying control device (6) electrically connected to said code-storing device (22) for identifying whether there is said input code identical to said preset lock code and for generating an unlocking signal if said codes are identical and an electric lock circuit (23) electrically connected to said code-identifying control device (6) for unlocking said electric lock (33, 37) after said electric lock circuit (23) receives said unlocking

signal, characterized in that the electric lock power source is selects from one of said portable unlocking device power source (34) and an electric power source from a monitoring center (4, 5) if said electric lock (23, 25, 31, 33, 37) is to be unlocked, said electric code lock (6, 9, 21, 22, 23, 25, 31, 33, 37) further comprises a receiving device (26) for receiving said portable unlocking device power source (34) and said input code and an automatically dialing and receiving device (21) electrically connected to the automatically answering device (5) and the code-identifying control device (6) for transmitting a warning signal to the computer (4) when the electric lock (31, 33, 37) is under direcdy unlocked, said telecommunication cabinet electric code lock set further comprises a portable unlocking device (2) for providing said portable unlocking device power source (34) and said portable unlocking device (2) comprises a controller (13) controlling said portable unlocking device (2), an outputting device (30) electrically connected to said receiving device (26) and said controller (13) for transmitting therethrough said portable unlocking device power source (34) and said input code to enable said code-identifying device (6) to generate said unlocking signal and said code-inputting device (15) electrically connected to said controller (13).

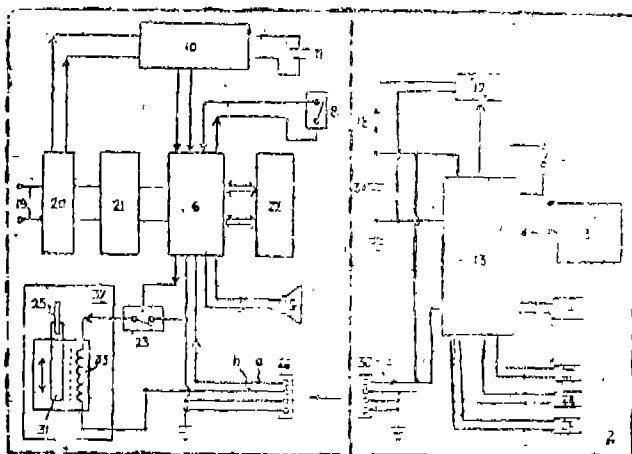


Fig 2

(Compl. Specn. : 44 pages;

Drgns. : 2 Sheets)

Ind. Cl. : 176 A, 186 E

179566

'Int. CL' : H 04 N-9/78

COLOR TELEVISION APPARATUS WITH VARIABLE CHROMINANCE SIDEBAND CORRECTION FILTER.

Applicant : THOMSON CONSUMER ELECTRONICS, INC., OF 600 NORTH SHERMAN DRIVE, INDIANAPOLIS, INDIANA 46201, UNITED STATE OF AMERICA.

Inventor : WILLIAM ADAMSON LAGONI.

Application No. 466/Cal/1993 filed on 16th. August, 1993.

Appropriate Office for Opposition Proceedings -Rule 4, Patents Rules 1972), Patent Office, Calcutta,

05 Claims

A color television apparatus with variable chrominance sideband correction filter, said apparatus comprising :

a source (12.15) responsive to a control signal provided by a control unit (40) for providing a selected one of a symmetrical chrominance input signal and a ion-symmetrical chrominance input signal; and

a sideband correction chrominance signal filter (30) having an input coupled to Y/C separtor for receiving the selected chrominance input signal and being responsive to a control signal (CS) provided by said control unit (40) for providing a sideband corrected chrominance output signal (C2) at an output (36) thereof;

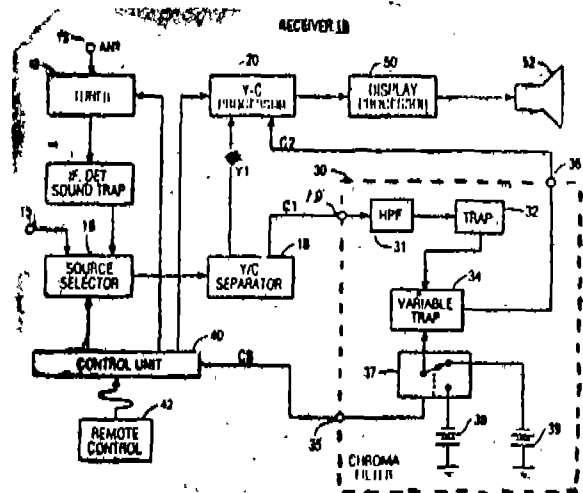
where in said chrominance signal filter (30) comprising.

a high pass filter (31) coupled between said input and output of said sideband correction filter;

a variable filter (34) coupled in cascade with said high pass filter between said high pass filter and said output for providing attenuation of an upper sideband of said selected chrominance signal at one of two selectable frequencies for determining an upper portion of the amplitude characteristic of said sideband correction filter;

a control circuit (37, 38, 39) coupled to a control input of said variable filter (34) and responsive to said control signal (CS) provided by said control unit (40) for tuning said variable filter to one of said two selectable frequencies when a symmetrical chrominance input signal is selected by said source (12.15) and for tuning said variable filter to the other of said two selectable frequencies otherwise, and

a further filter (32) in said cascade connection between said high pass filter and said variable filter for attenuating said selected chrominance signal at a frequency below the color subcarrier thereof.



(Compl. Specn. 11 Pages;

Drgns. 8 Sheets)

Ind. Cl. 128

B

179567

Int. Cl.⁴ : A 61 C 8/00

HYDROXYAPATITE COATED TITANIUM DENTAL IMPLANT FOR SINGLE TOOTH REPLACEMENT.

Applicants. : DR. SUBRATA PAL, DR. A. PAL & DR. T. K. PAL SCHOOL OF BIO SC. & ENGG. JADAVPUR UNIVERSITY, CAL-32.

Inventors :

- (1) D/R. SUBHATA PAL
- (2) DR. A. PAL &
- (3) DR. T. K. PAL.

Application No. 520/Cal/93 filed on 07th Sep. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

06 Claims

Hydroxvapatite coated titanium dental implant for singal tooth replacement comprising a titanium implant (1) of round section having a screw post (3) with a parabolic thread (R₄, R₅) profile and the said implant (1) is provided with a square section crown (4) to the said screw post (3) head which tapers (5) to facilitate fixation of the crown (4) made of ceramics or acrylic and the said crown is fixed by dental adhesive and the said screw post (3) is coated with hydrovyapatite (2) by plasma flame spray characterized in that the titanium implant (1) with parabolic thread profile

{R4, R5) with larger pitch length with a square section crown (4) and the said screw (3) is coated with biological hydroxyapatite (2) by plasma flame spray.

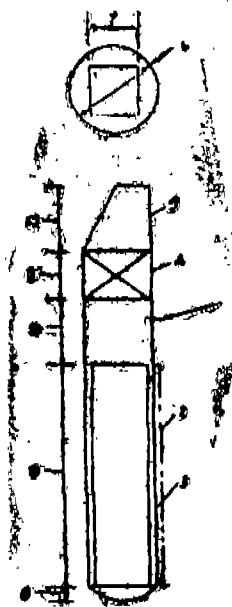


Fig. 1

(Compl. Specn. 10 Pages; Drgns. 1 Sheet)

Ind. Cl. : 116 C " 179568
Int. Cl.⁴ : B 65 G 15/00

A CONVEYING DEVICE FOR AN SUCH AS CABLES OR PIPES.

Applicant : KABELMETAL ELECTRO GESELLSCHAFT MIT BESCH-RANKTER HAFTUNG OF KABELKAMP 20,30179 HANNOVER GERMANY.

Inventor : HARRY STASCHESWSKI.

Application No. 556/Cal/93 filed on 22nd Sep. 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

13 Claims

A conveying device for an extended or elongated material such as cables or pipes, said conveying device comprising a conveying device housing (31); at least two endless roller chains (19) driven approximately parallel to each other, a plurality of gripping clamps (21) mounted on the roller chains for gripping the elongated material (23); a driving sprocket wheel (33) engaging with a respective roller chain; and a tensioning sprocket wheel (35) positioned remote from the driving sprocket wheel and located opposite to the driving sprocket wheel (33); each tensioning sprocket wheel being located in a respective bearing housing (37) and adapted to be movable along with the bearing housing in the longitudinal direction of the roller chain with respect to the driving sprocket wheel, characterised in that :

at least one resilient tensioning element (41) is adapted to exert a tensile force on the movable tensioning sprocket wheels (35) in a direction away from the driving sprocket wheels (33);

each tensioning sprocket wheel has a self-locking wedge (99) drawn by means of a drawing element (110) into a gap formed in the longitudinal direction of the roller chain towards the driving sprocket wheel between the respective

tensioning sprocket wheel with its bearing housing and a stationary wedge-guide (97) facing the tensioning sprocket wheel.

Fig 1

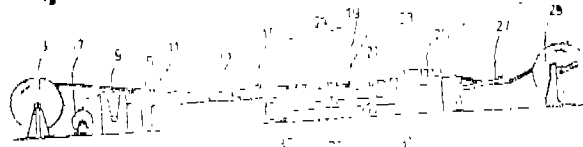
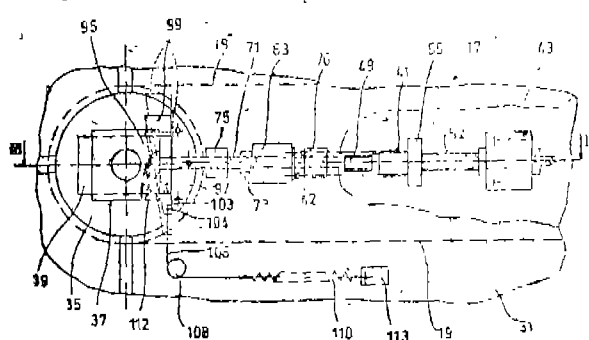


Fig 2



(Compl. Specn. 17 Pages;

Drgns. 03 Sheets)

Ind. Cl. : 39 E

179369

Int. Cl.⁴ : C 01 B 15/03, C 25 B 1/28

PROCESS OF PREPARING ALKALI PEROXIDE SOLUTIONS.

Applicant : METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEA 14, D-6027,1 FRANKFURT AM MAIN, GERMANY.

Inventors ;

- (1) DR. EILHARD HILLRICHES
- (2) MANFRED KIENBERGER
- (3) DR. ULRICH SANDER.

Application No. 226/Cal/1994 filed on 4-4-94.

•Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

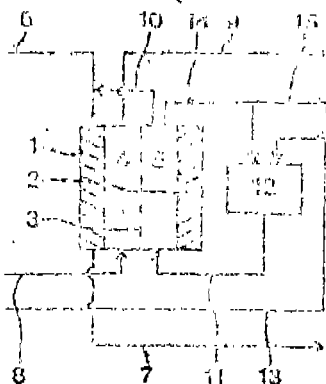
09 Claims

A process of preparing an aqueous alkaline peroxide solution having an alkali/H₂O₂ molar ration of 0.5 to 2.5 in an electrochemical cell which comprises a porous oxygen diffusion cathode such as herein described which is fed with gaseous oxygen, an anode, cation exchange membrane between the cathode and the anode, a cathode chamber between said cathode and said membrane, said cathode chamber containing an aqueous catholyte, such as herein described an anode chamber containing an - aqueous catholyte, such as herein described an anode chamber between said anode and said membrane, said anode chamber containing an aqueous anolyte such as herein described hydrogen peroxide is formed at the cathode and a first aqueous product stream containing alkali hydroxide and hydrogen peroxide is withdrawn from the cathode chamber, characterized in that a decomposition tank is provided outside the electrochemical cell, feeding from said tank into the anode chamber an aqueous solution containing alkali hydroxide sulfate, withdrawing from said anode chamber an anolyte stream containing hydrogen sulfate and feeding a portion of said anolyte stream into said tank, also feeding into said tank an aqueous starting solution containing :

- (a) alkali sulfate and/or alkali hydrogen sulfate, or,
- (b) alkali sulfite and/or alkali hydrogen sulfite. or

(c) alkali carbonate and/or alkali hydrogen carbonate,

7 Claims



(Compl. Specn. 23 Pages;

Drgns. 04 Sheets)

Ind. Cl. : 198 A 136 E 136 K 136 L

179570

Int. Cl.⁴ : C 08 J 3/12**APPARATUS FOR MANUFACTURING GRANULATED MATERIAL.**

Applicant : SANTRADE LTD., OF ALPENQUAI 12 6002 LUZERN, SWITZERLAND.

Inventor : REINHARD FROESCHKE.

Application No. 247/Cal/94 filed on 11th April, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

05 Claims

Apparatus for manufacturing granulated material from free-flowing viscous substances that are made into drops and solidify or gel, consisting of a tubular body (14), charged with the free-flowing substance, with a slit (15) that is intermittently opened or closed by a perforated belt that is periodically moved past said slit, characterized in that a belt (2) comprises a thin metal belt (25) and that all its perforation openings (12) are provided with sleeves (26, 26') producing from surface opposite the tubular body (14).

(Compl. Specn. 7 Pages;

Drgns. 01 Sheet)

Ind. Cl. : 195-D

179571

Int. Cl.⁴ : F 16 K 3/00**A SLIDING GATE FOR SEQUENTIAL TYPE SLIDING GATE VALVE.**

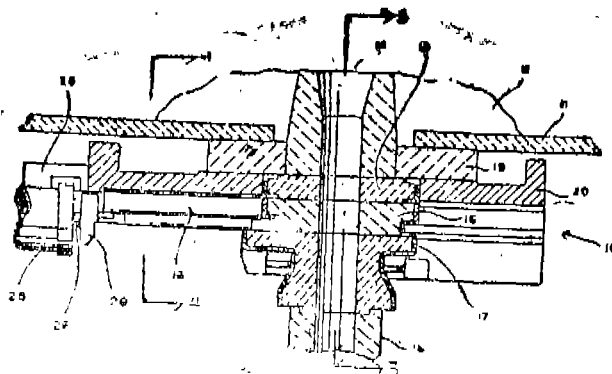
Applicant : FLO-CON SYSTEMS, INC., AN ILLINOIS CORPORATION AT 1404 NEWTON DRIVE, CHAMPAIGN, ILLINOIS 61821, U.S.A.

Inventors : PATRICK D. KING, GARY. R. POLK.

Application No. 230/Mas/91 filed on 20th March 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Madras Branch.

A slide gate for sequential type sliding gate valve having a stationary plate, a slide gate, and a tube holder, said slide gate comprising a teeming orifice having an entry and exit said gate being asymmetrical with respect to the orifice, a stationary plate face and a tube holder face, undercuts of asymmetrical depth defining the tube holder face for receiving opposed loading rails of different sizes at the leading and trailing portion of the slide gate loading section, said long undercut being oriented for positioning at the entrance side of the slide gate, permitting the long undercut at the entrance portion and the asymmetrical short undercut at the exit portion of the incoming slide gate to overlap at the entrance end portion of the tube holder sealing plate upstream portion prior to the insertion of a subsequent slide gate or tube holder or a combination of both.



(Compl. Specn. 25 Pages;

Drgns. 11 Sheets)

Ind. Cl. : 32 E

179572

Int. Cl.⁴ : C 08 G 83/00**A PROCESS FOR PREPARING A MODIFIED POLYMER.**

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B. V. CAREL VAN BYLANDTLAAN 30, 2596. HR, THE HAGUE.

Inventors :

- (1) ARIE VAN ZON,
- (2) GERARDA JACOBA KLAVER.

Application No. 251/Mas/91 filed 27th March 1991.

(Convention dated : 30th March 1990; No. 9007267.9; Gr. Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

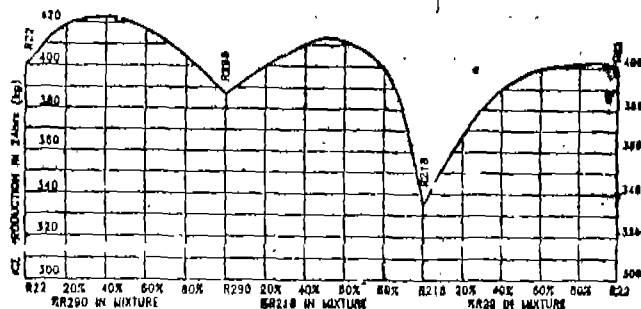
A process of preparing a modified polymer which comprises (a) reacting at a temperature in the range from 100 to 300°C, an alpha-beta unsaturated carboxylic acid or active derivative thereof with a selectively hydrogenated star-shaped polymer comprising a polyvinylaromatic nucleus and at least 4 polymeric arms linked to said nucleus wherein said polymeric arms are selected from the group consisting of :

- (i) hydrogenated homopolymers and hydrogenated copolymers of conjugated dienes;
- (ii) hydrogenated copolymers of conjugated dienes and monoalkenyl arenes; and
- (iii) mixtures thereof; and Wherein at least 80% of the aliphatic unsaturation of the star-shaped polymer has been reduced by hydrogenation while less than 20% of the aromatic unsaturation has been reduced; and

(i) up to 90% by weight of a refrigerant selected from chlorodifluoromethane (R22) and pentafluoroethane (R125);

- (ii.) the balance being a refrigerant selected from pentafluoroethane (R125) and octafluoropropane (R218); aid

- (iii) up to 15% by weight of propane,



(Com. 14 pages;

Drwgs. 8 sheets.)

Ind. Cl. : 206-E

179576

Int. Cl⁴ : H 01 L 41/08,

PIEZOELECTRIC ROTARY UNION SYSTEM.

Applicant : ROCKWELL INTERNATIONAL CORPORATION, OF 2230 EAST IMPERIAL HIGHWAY, EISEGUNDO, CALIFORNIA 90245, USA.

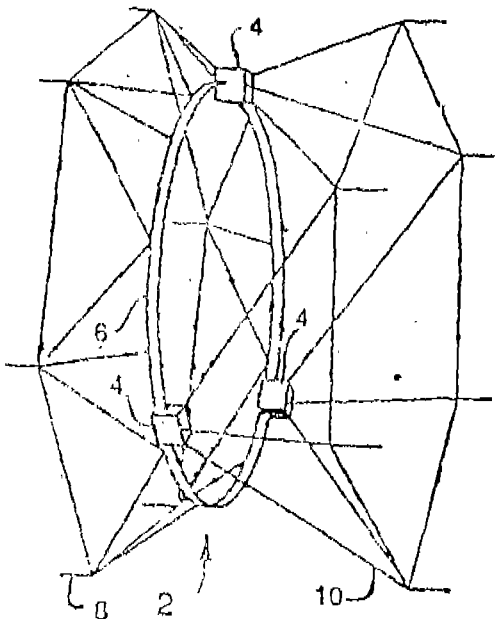
Inventor : GORDON WALTER CULP.

Application No. 302/MAS/91 filed on 16th April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 Claims

A piezoelectric rotary union system, comprising an annular ring attached to a first structure; a piezoelectric actuator attached to a second structure and means associated with said actuator for engaging said ring to form a rotatable connection between said first and second structure.



(Com. 12 pages;

Drwg. 1 sheet.)

Ind. a. : 87 E

179477

Int. Cl⁴ : H 01 L 41/00

"A ROBOTIC ARTICULATION."

Applicant : ROCKWELL INTERNATIONAL CORPORATION, OF 2230 EAST IMPERIAL HIGHWAY, EISEGUNDO, CALIFORNIA 90245, U.S.A.

Inventor : 1, GORDON WALTER CULP.

Application No. : 304/Mas/91 filed 16th April 1991,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

21 Claims

A robotic articulation comprising an articulator housing attached to a robot body, at least two pair of actuators mounted in said housing, each of said actuators comprising a stack of electrically actuatable material having a lifter segment, a tangenter segment, and a traction surface for engaging an articulable robot limb having an end extending within said housing, wherein the pairs of actuators alternately act in a vice-like manner to grip and move said limb,

(Com. : 18 Pages;

Drwgs. : 3 Sheets)

Ind. Cl. : 54

179578

Int. Cl⁴ : A 23 F 3/26

"A PROCESS AND AN APPARATUS FOR EXTRACTING ROAST AND GROUND COFFEE."

Applicant : SOCIETE DES PRODUITS NESTLE S A, CASE POSTALE 353, 1800 VEVEY, SWITZERLAND.

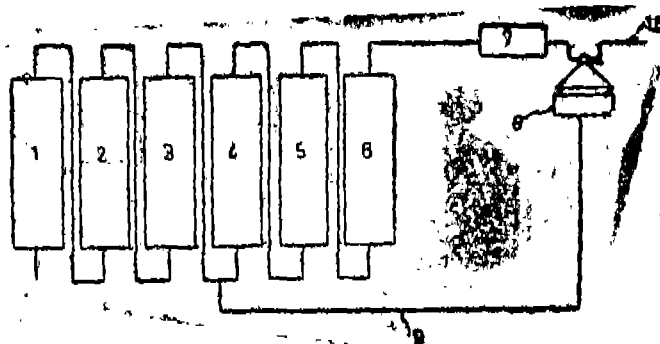
Inventor : 1. CHRISTOPHE FOETTSCH,

Application No. : 305/Mas/91 filed on 16 April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A Process for extracting roast and ground coffee comprising introducing an extraction liquid consisting in water having a temperature of from 150°C to 180°C into a countercurrent extraction system comprising a plurality of extraction cells interconnected in series, said plurality of cells comprising a group of hot cells and a group of cold cells, and passing the extraction liquid through roast and ground coffee contained in the cells to extract the coffee to obtain an extract from the system, centrifuging the extract to obtain a sludge and then reintroducing the sludge into the system between the



(Com. : 11 Pages;

Drwg. : 1 Sheet)

Ind. Cl. : 128-1

179579

Int. Cl.⁴ : A 61 B 5/08

A VENTILATORY INSTRUMENT FOR MEASURING PEAK EXPIRATORY FLOW OF A HUMAN SUBJECT.

Applicant : FERRARIS DEVELOPMFNT & ENGINEERING COMPANY LIMITED, OF 26 LEA VALLEY TRADING ESTATE, ANGEL ROAD, EDMONTON, LONDON, ENGLAND, N18 3JD.

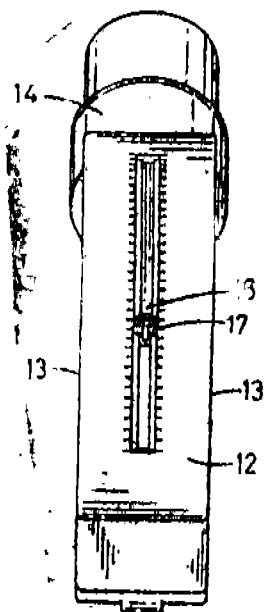
Inventors : (1) JAMES ALFRED STOCKWELL
(2) RONALD FREDERICK CHECKS-HELD.

Application No. 312/MAS/91 dated April 19, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A ventilatory instrument for measuring peak expiratory flow of a human subject, comprising a hollow casing having an interior and forming a slot, the casing also forming an inlet by which a forced expiration by the human subject is admitted into the interior to be vented through the slot; an indicator member mounted in the slot for movement therealong; and a resiliency flexible vane having one end fixed to and within the hollow casing so that it extends across the interior of the casing as a cantilever, and a radially outer portion, the vane also having a major surface which faces the inlet whereby the forced expiration admitted into the interior through the inlet is directed onto the major surface to cause the vane to flex against its own resilience so that the radially outer portion traces a path; the slot following a curve which is substantially similar to said path and being at least as long as said path, said radially outer portion being adjacent the curved slot and between the indicator member and the inlet so that it traverses the slot as the vane flexes, said casing having a curved wall portion defining a clearance with said radially outer portion of said vane, as said vane flexes, the curve of said curved wall portion also being substantially similar to said path, said radially outer portion being operable in response to the forced expiration into the interior to push the indicator member away from the inlet along the curved slot to increase an extent of the slot between the indicator member and the inlet as the vane flexes away from the inlet and to separate from the indicator member upon movement of the vane back towards the inlet, the indicator member remaining as an indication of maximum travel along the slot.



(Com. 16 pages;

3—297 GI/97

Drwngs. 2 sheets.)

Ind. Cl. •

39-K

179584

Int. Cl.⁴ : C 01 B 17/69.

AN IMPROVED PROCESS FOR THE MANUFACTURE OF SULFURIC ACID.

Applicant: MONSANTO COMPANY, A DELAWARE CORPORATION OF 800 NORTH LINDBERGH BOULEVARD, ST. LOUIS, MISSOURI 63167, U.S.A.

Inventors : (1) DONALD RAY McALISTER
(2) DANIEL ROBERT SCHNEIDER.

Application No. 313/MAS/91 dated April 22, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

In a process for the manufacture of sulfuric acid, comprising combustion of a source of sulfur with an oxygen-containing gas in a burner to produce a combustion gas stream comprising sulfur dioxide and oxygen, passage of the gas stream through a plurality of catalyst stages for progressive conversion of sulfur dioxide to sulfur trioxide, recovery of heat in useful form by cooling the gas stream exiting each of said catalyst stages, passage of the cooled gas stream from one of said stages through an absorption zone where the gas stream is contacted with sulfuric acid held for removal of sulfur trioxide from the gas phase, and return of the gas stream from acid zone to a further stage of said plurality of stages the improvement which comprises: introducing water vapor into the gas stream at a point between said burner and the said absorption zone, at least a portion of the water vapor reacting with sulfur trioxide in the gas phase to produce sulfuric acid and thereby generate the heat of formation of sulfuric acid in the gas phase; and recovering heat energy from the vapor phase heat of formation of sulfuric acid by transfer of heat in an indirect heat exchanger from said gas stream to steam having a pressure at least about 8 bar higher than the pressure of said water vapor as introduced into the gas stream, or to feed water from which said steam is generated wherein said indirect heat exchanger is located upstream of said absorption zone.

(Com. 35 pages;

Drwgs. 3 sheets.)

Ind. Cl. : 116-F

&

G

179581

Int. Cl.⁴ : B 66 B 1/20.

AN APPARATUS FOR IMMEDIATE TARGET CALL ALLOCATION IN LIFT GROUPS ON THE BASIS OF OPERATIVE COSTS AND VARIABLE BONUS AND PENALTY POINT FACTORS.

Applicant : INVENTIO AG, SEESTRASSE 55, CH-6052 HERGISWIL/SWITZERLAND.

Inventors : (1) DR. JORIS SCHRODDER
(2) DR. PAUL FRIEDLI.

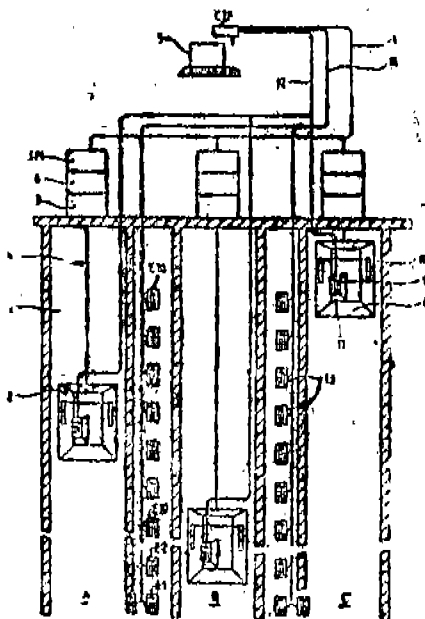
Application No. 48/MAS/91 filed on 24th January 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 Claims

An apparatus for immediate target call allocation in lift groups on the basis of operating costs and variable bonus and penalty factors, said apparatus comprising decade keyboards located on the storeys for entering target calls for desired storeys, load-measuring equipments connected with load memories being provided in the cages of the lift group, selectors which are associated with each lift of the lift group, a computer and comparison equipment provided for each lift a door time table for storing the times of door opening and door closing, a travel time table for storing separately each travelling times between a certain storey and each other

storey according to upward and downward direction of travel, a position register connected with the computer and the comparison equipment, an industrial computer connected by way of a communication interface with lift groups, each lift and their cages as well as with decade keyboards on each storey.



(Com. 21 pages; Drwgs. 3 sheets.)

Ind. Cl. : 85 B 179582

Int. Cl.⁴ : F 21 D 1/00.

"A METALLURGICAL VESSEL".

Applicant : INSTITUT DE RECHERCHES DE LA SIDERURGIE FRANCAISE (EN ABREGE IRSID) IMMEUBLE ELYSEES-LA-DEFENSE 19, LE PARVIS-LA-DEFENSE 4 92800—PUTEAUX (FRANCE).

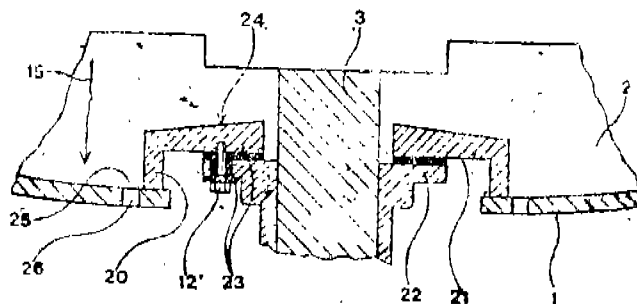
Inventors : (1) MICHEL HAMY,
(2) CHRISTIAN LEBRON,
(3) JEAN-MICHEL THEBAULT,
(4) GHISLAIN MAURER,
(5) PHILIPPE DESTANNES.

Application No. : 69/Mas/91 filed on 30th January, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

7 Claims

A metallurgical vessel, for melting metals, comprising a metal housing (1) lined on the inside with refractory material (2) and at least one electrode (3) passing through the bottom of the vessel and connected to a terminal of an electrical power supply, the said electrode being fastened to the metal housing by mechanical fastening means (11, 12) and insulated electrically from said housing, wherein a retention means (20) is provided for preventing a liquid flowing over the inner surface of the housing from coming into contact with the said fastening means of the electrode.



(Compl. Specns. : 11 pages; Drngs.: 2 Sheets)

Ind. Cl. : 90 F

179583

Int. Cl.⁴ : C 03 B 37/08.

"A CONNECTOR FOR ROTATABLY CONNECTING A PROCESS GAS AND STEAM SUPPLY PIPE TO A SILICA TUBE".

Applicant : NOKIA-MAILLEFER HOLDING SA, OF RUE DE BOIS, CH 1024 ECUBLENS. SWITZERLAND.

Inventor : HANS-KARL VON BAGH,

Application No. : 64/Mas/91 filed on 30th January, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). (Patent Office, Chennai Branch.

3 Claims

A connector for rotatably connecting a process gas and steam supply pipe to a silica tube (2) for producing optical fibre preform* comprising a generally cylindrical body part (3) provided with a through bore for the supply pipe (1), the said bore having atleast one annular expansion accommodating ring seals (6 & 7) to seal the said supply pipe to the said body part one end of the said body part is expanded to form an abutment for accommodating a further ring seal (5) to seal the body part (3) against the inside of the said silica tube (2), the said connector also being provided with tightening means (7 & 8) for pressing the said further ring seal (5) with respect to the silica tube against the said abutment to expand the seal radially.

(Compl. Specns. : 9 page; Drngs. : 1 Sheet)

Ind. Cl. : 172-F

179584

Int. a. : G 01 L 1/00.

AN APPARATUS FOR TESTING THE YARN FOR ITS TENSILE PROPERTIES.

Applicant : ZELLWEGER, USTER LTD., OF WILSTRASSE 11, CH-8610 USTER, SWITZERLAND, A SWISS COMPANY:

Inventor : JAROMIR CIZEK.

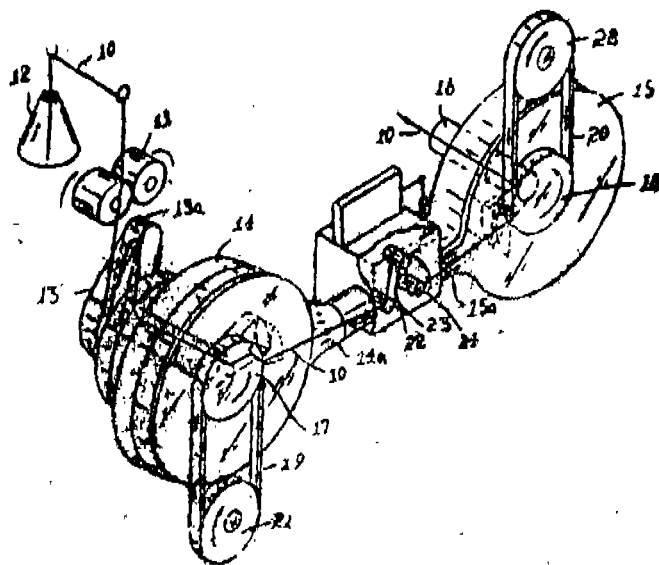
Application No. : 67/Mas/91 dated January 31, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). (Patent Office, Chennai Branch,

11 Claims

An apparatus for testing the yarn for its tensile properties comprising a pair of spaced clamps each said clamp having tensioning pulley (17, 18) and endless belt (19, 20) means for feeding a length of yarn (10) into position for clamping by the clamps, one or both clamps being movable relative to the other in order to tension a clamped length of yarn (10) and a sensor (23) is provided between the said clamps (17.

19 and 18, 20) to measure yarn tension during relative movement between the clamps (17, 19 and 18, 20).



(Compl. Specns. : 13 pages;

Drgns. : 5 Sheets)

Ind. Cl. : 53.C

179585

Int. Cl.⁴ : F 16 H 55/54.

VARIABLE RATIO DRIVE APPARATUS.

Applicant : HAMLIN TRANSMISSION CORPORATION, OF SUITE 1. 35, DABURY ROAD WILTON, CONNECTICUT 05897 UNITED STATES OF AMERICA, A U. S. COMPANY.

Inventor : GEORGE HAMLIN LEONARD.

Application No. : 73/Mas/91 dated February 1, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

26 Claims

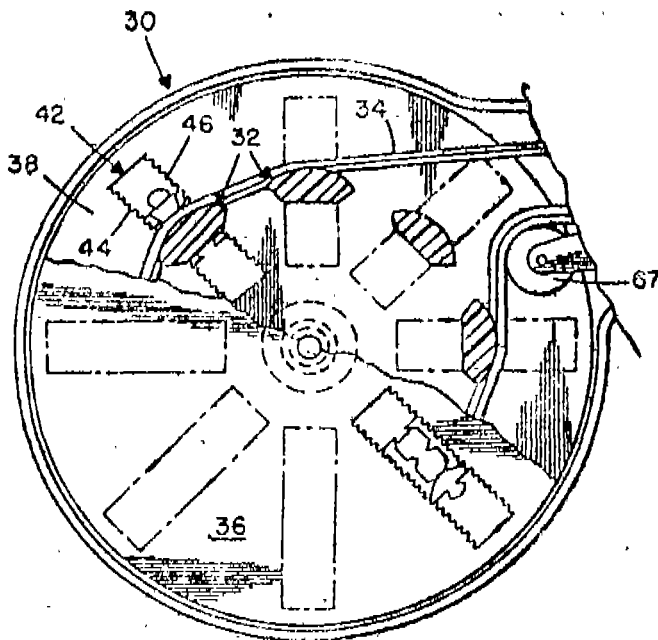
Variable ratio drive apparatus (12) comprising :

a rotatably mounted drive mechanism (30) having a plurality of circumferentially spaced radially extending elongated track members (42) with opposed tooth-like formation (44, 46) therein;

an endless drive member (34) ;

a movable sheave segment (32) mounted in association with each said tracks, each said sheave segment having a cam/bearing member (50) and first and second opposed engagement blocks (52, 54, 56, 58), said cam/bearing means having at least one camming surface (76, 78) associated with each of said engagement blocks and independently movable radially relative to each of said engagement blocks, said cam/bearing member engaged blocks, said cam/bearing member engaged by said endless drive member when said drive mechanism is outside a predetermined arc of rotation, to rigidly bias each of said engagement blocks against on associated one of said tooth-like formations ; and

resilient members (60, 62) interposed between said first and second engagement blocks for hissing said engagement blocks into engagement with said track numbers.



(Compl. Specns. ; 36 pages;

Drwgns. : 6 Sheets)

Ind. Cl. :

172-C₂

179586

Int. CV : D 01 G 19/16.

A NIPPER FOR A COMBING MACHINE.

Applicant : MASCHINENFABRIK ' RIETER AG., OF WINTERTHUR, SWITZERLAND.

Inventor : HEINZ CLEMENT.

Application No. 86/Mas/91 dated February 5, 1991.

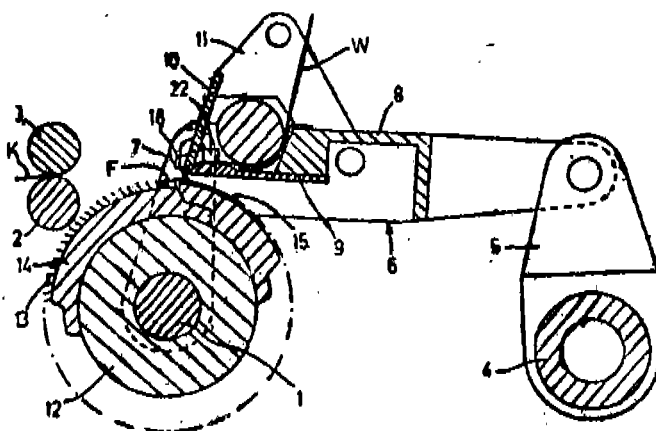
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

6 Claims

A nipper for a combing machine comprising a lower nipper part having a frame and a lower nipper plate supported on said frame;

a top nipper plate movably mounted relative to said bottom nipper plate to press one edge of said top nipper plate against a front edge of said lower nipper plate; and

a first pair of lateral guide elements mounted on said lower nipper part, each said guide element having a fibre guide surface disposed in front of said front edge of said lower nipper plate and in facing relation to the other of said guide elements.



(Compl. Specns. : 11 pages;

Drwgns. :

2 Sheets)

Ind. Cl. :

172-C₂

179587

15 Claims

Int. Cl.⁴ : D 01 G 19/16.**COMBING MACHINE WITH A NIPPER JAW UNIT.**

Applicant : MASCHINENFABRIK RIETER AG., OF WINTERTHUR, SWITZERLAND.

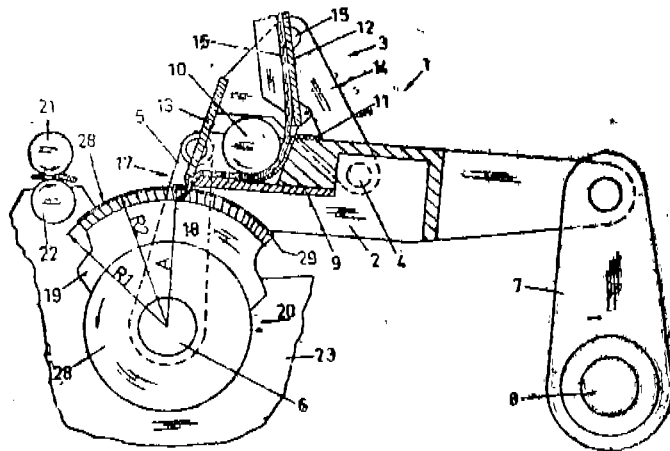
Inventors : (1) HANS-ULRICH EICHENBERGER.
 (2) DR. GIANCARLO MONDINI,
 (3) HEINZ CLEMENT,
 (4) WALTER ACKERET.

Application No. : 89/Mas/91 dated February 5, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

10 Claims

Combing machine with a nipper jaw unit, for holding a leading end of a wadding (16) in form of the a fibre tuft (18) in place for combing by a circular comb (20) rotatably mounted on an axis (6) of rotation, and having a comb segment (19) thereon with a plurality of projecting combing elements extending within an imaginary cylinder (29) having a constant radius (R1) from said axis (6), a nipper consisting of a lower nipper (2) and a top nipper (3) pivoted on the lower nipper and the top nipper provided with a nipper lip (30) overlapping one of the front surface (31) of the lower nipper in the area of the clamping position (17) for wadding characterized in that the nipper lip (30) is spaced from said axis (6) of rotation of said comb (20) by a distance less than said radius (R1) of said imaginary cylinder (29) in a completely closed position of the nipper, located in the clamping position and means (25, 26, 35, 40) are provided for limiting the swivelling movement of the top nipper (13) towards said closed position to provided a predetermined safety clearance (Z) between that nipper lip (30) and said imaginary cylinder (29).



(Compl. Specns. : 18 pages;

Drgns. : 7 Sheets)

Ind. Cl. :

172-D₄

179588

Int. Cl.⁴ : D 01 H 5/00.**A TEXTILE YARN PROCESSING MACHINE.**

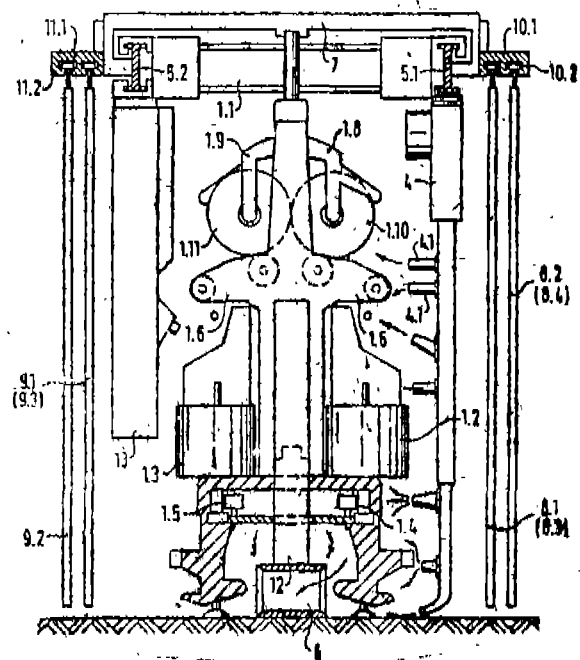
Applicant : PALITEX PROJECT-COMPANY GmbH, WEESERWEG 60, 4150 FREFELD 1, GERMANY.

Inventors : (1) OIETER STRAHLEN,
 (2) JURGEN KALLMANN,
 (3) HEINZ FINK.

Application No. : 108/Mas/91 dated February 8, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). (Patent Office, Chennai Branch.

A textile yarn processing machine, particularly a yarn twisting machine, having a longitudinally extending frame, a plurality of spindle assembly working position in side-by-side relationship along the length of said machine, at least one movable maintenance unit suspended from said machine frame and movable in the longitudinal direction of said machine along the outside of said spindle assembly positions; a plurality of soundproofing paneling elements forming a part of a soundproofing cover shielding said machine and each having dimensions for extending generally the height of said machine and a sufficient portion of the length of said machine so as to collectively cover all of said spindle assembly positions; and means for movably suspending said paneling elements from said machine frame for movement in the longitudinal direction of said machine outside of said movable maintenance unit to permit movement of said maintenance unit within said paneling elements and for movement along said suspending means into consecutive partially overlapping positions to cover all of said spindle assembly positions and into other positions for allowing selective uncovering of particular spindle assembly positions whereby said maintenance unit can perform maintenance functions when all of said spindle assembly positions are covered and so that selected spindle assembly positions can be serviced when uncovered.



(Compl. Specns. : 14 pages;

Drgns. : 1 Sheet)

Ind. Cl. : 116-G

179589

Int. Cl.⁴ : B 65 G 45/00; 69/00.**A STRIPPING ELEMENT.**

Applicant & Inventor : HANS-OTTO SCHWARZE, OF ESSELER STRASSE 170, D4350 RECKINGHAUSEN, GERMANY.

Application No. : 112/Mas/91 dated February 11, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Chennai Branch.

26 Claims

A stripping element for stripping the surface of a conveyor belt, said stripping element comprising :

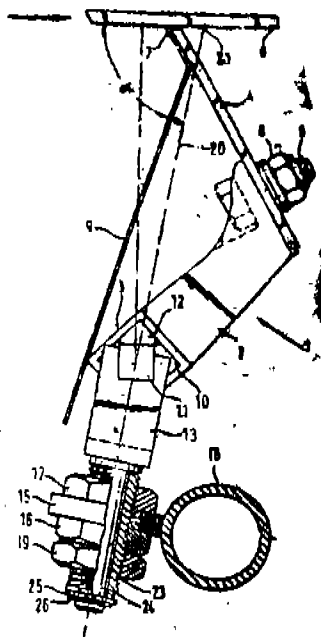
a stripping body ;

a stripping blade mounted to said stripping body and biased towards the surface of the conveyor belt in use, the stripping blade forming an obtuse angle with the surface of the conveyor belt in the direction of travel of the conveyor belt such

that the stripping blade cuts along said surface of the conveyor belt;

a foot mountable to a carrier, said Carrier extending transversely to the direction of travel of the conveyor belt;

said stripping body and/or stripping blade begin rotatable about an axis which intersects the surface of the conveyor belt and which forms together with the approaching conveyor belt an angle of less than 90°.



(Compl. Specns. : 33 pages; Drgns. : 9 Sheets)

Ind. Cl. : 205-G 179590
Ind. Cl.⁴ : D 06 G 3/48

"A TYRE CORD SHEET AND A METHOD OF PRODUCING THE SAME."

Applicant : GEORGE ALEXANDER INGUS, OF ISRAELI NATIONALITY, OF 99 WEST HEATH ROAD, LONDON, NW 3 7TN, ENGLAND.

Inventors : GEORGE ALEXANDER INGUS.

Application No. 126/Mas/91 filed on 14th February 1991

(Convention Date : 14th February 1990; No. 9003329.1; Great Britain).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

12 Claims

A method of producing a tyre cord sheet having a tabby or splicing header with established lateral (weft) dimension against shrinkage during further processing including the application of longitudinal tension and dipping in an aqueous latex bath, rapid hot-air drying and heat setting, characterised in that weft strands (13) are used in the tabby, which are different from the weft strands (12) used in the tyre cord sheet and which are selected to resist shrinkage, the weft strands (13) used in the tabby being formed of a highly resilient, stiff yarn, the stiffness of the yarn being such that lateral shrinkage of the tabby during said processing is similar to the lateral shrinkage of the tyre cord sheet itself.

(Compl. Specn 15 Pages; Drgns. 2 Sheets)

Ind. Cl. : 134-A & 63-I 179591
Int. Cl.⁴ : H 01 L 41/09

"ELECTRIC TRACTION MOTOR."

Applicant : ROCKWELL INTERNATIONAL CORPORATION, OF 2230 EAST IMPERIAL HIGHWAY, E1 SEGUNDO, CALIFORNIA 90245, USA.

Inventors : GORDON WALTER CULP.

Application No. 383/Mas/91 filed on 14th May 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

9 Claims

An electric traction motor, comprising : a motor housing ; at least one pair of actuators attached to said housing each actuator comprising a tangentially acting segment attached to said housing and a pair of opposing axially acting segments attached to said tangentially acting segment; a motor shaft alternately engagable by said actuators for moving and positioning said shaft.

(Compl. Specn. 15 Pages; Drgns. 1 Sheet)

Ind. Cl. : 119-E 179592
Int. Cl.⁴ : D 03 J 1/16

A DEVICE FOR MANIPULATING HARNESS MEMBERS SUCH AS HEALDS AND DROP WIRES IN WARP-THREAD DRAWING-IN MACHINE.

Applicant : ZELLWEGER USTER AG., WILSTRASSE 11, CH-8610 USTER, SWITZERLAND.

Inventors :

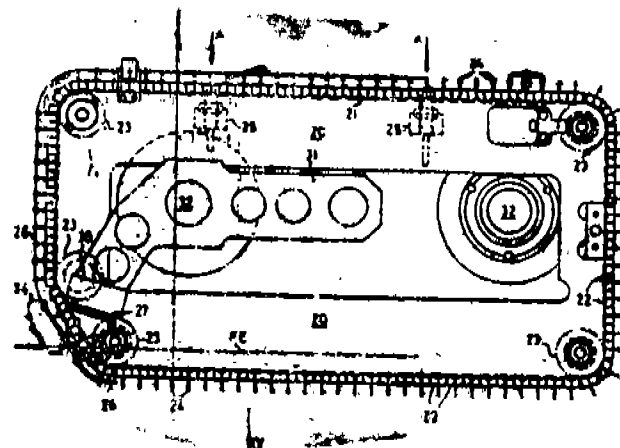
- (1) MARKUS BADERTSCHER,
- (2) HERMANN EGLSEER.

Application No. 408/Mas/91 dated May 29, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

24 Claims

A device for manipulating harness members such as healds and drop wires in warp-thread drawing-in machine from their separation from a stack through the drawing-in of the warp threads up to the transfer to supporting members, said device comprising holding means (22, 24, 44, 45.) for accepting the separated harness members (LI, LA) and transporting them to a drawing-in station and a transfer station, positioning means (HP, SP : 47) located in the area of the drawing-in station and transfer means (39; 56.57) located in the area of transfer station for transferring the harness members (LI, LA) to supporting members (12).



(Compl. Specn. 25 Pages; Drgns. 7 Sheet)

Ind. Cl. : 67 A, B, 105 B, C

179593

Int. Cl.⁴ : G 07 C 1/30

PARKING TIME DISPLAY DEVICE.

Applicant : MORISAWA & COMPANY LTD., OF 6-25 SHIKITSU-HIGASHI, 2-CHOME, NANIWA-KU, OSAKA-SHI, OSAKA, JAPAN AND NUBUO MORISAWA, OF 3-17 HITOMARU-CHO, AKASHI-SHI, HYOGO, JAPAN.

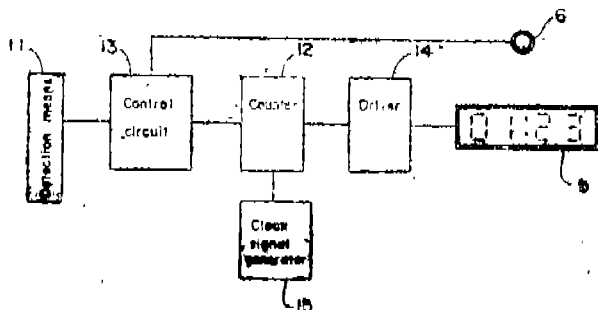
Inventor : 1. NUBUO MORISAWA.

Application No. 412/Mas/91 filed May 30, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

4 Claims

A parking time display device installed in a vehicle with a motor comprising a display means located at a portion of said vehicle observable from outside a detection means for detecting a stopped state of said vehicle connected to a count means for counting time, and a count control means for starting said count means in response to a detection signal from said detection means the said count means connected to the said display means which on activation display parking time counted by said count means.



(Compl. Specn. 9 Pages;

Drgns. 2 Sheets)

Ind. Cl. : 32-F₃(c)

179594

Int. Cl.⁴ : C 07 C 69/00

PROCESS FOR THE PREPARATION OF ARYL-SUBSTITUTED PROPIONIC ACID ESTERS.

Applicant : HIMONT INCORPORATED, 2801, CENTERVILLE ROAD, P.O. BOX 15439, WILMINGTON, DELAWARE 19850-5439, A DELAWARE CORPORATION, U.S.A.

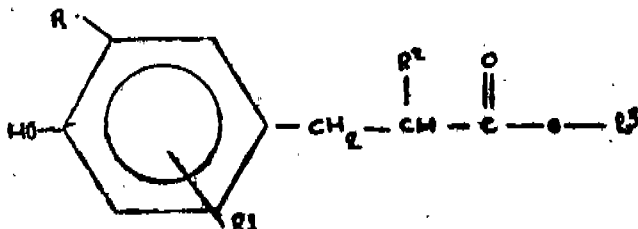
Inventors : LIN-CHEN YU.

Application No. 414/Mas/91 dated May 30, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

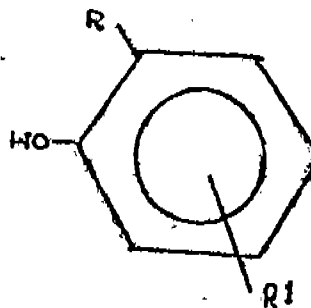
11 Claims

A process for the preparation of aryl-substituted propionic acid esters of the formula :

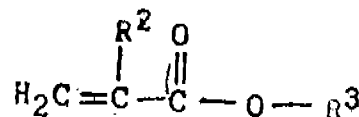


wherein R and R¹ are a C₁-C₁₂ linear or branched alkyl, a C₅-C₁₂ cyclopalkyl, a C₄-C₁₂ aryl or a C₇-C₁₂ alkaryl or aralkyl, R² is hydrogen or a C₁-C₂₀ linear or branched alkyl

and R is a C₁-C₂₀ linear or branched alkyl a C₁-C₁₂ cycdoalkyl, a C₆-C₁₂ aryl, or a C₁-C₂₀; alkaryl or aralkyl and may be the same or different, comprising forming a reaction mixture of a phenol of the formula :



wherein R and R¹ are as defined above, a base catalyst in an amount 5 to 100% per mole of the said phenol, selected from the group consisting of alkali metal alkoxides, alkali metal hydroxides, alkali metal amides, alkali metal alkyl amides and mixtures thereof and an acrylate of the formula :



wherein R² and R³ are as defined above, in the presence of a complexing agent, in an amount 20 to 70%, per mole of the said phenol, selected from the group consisting of N-methylpyrrolidinone, hexamethyl-phosphoramide, N, N, N¹, N-tetramethyl-ethylenediamine, dimethylsulfoxide, dimethylformamide, crown ethers, 1, 3-dimethyl-2-imidazolidinone, dimethylpropylene urea and tris [2-(2-methoxyethoxy)-ethyl]-amine effective in increasing the rate of reaction wherein substantially all of the side-product is removed from the reaction mixture prior to the addition of the complexing agent and all or substantially all of the acrylate is added at once to said reaction mixture and the reaction temperature is from 110°C to 200°C.

(Compl. Specn. 18 Pages)

Ind. Cl. :

158-C₃

179595

Int. Cl.⁴ : B 61 G 05/02; 1/38

AN IMPROVED CENTER SILL CONSTRUCTION FOR A RAILWAY CAR.

Applicant : AMSTED INDUSTRIES INCORPORATED, 44TH FLOOR-BOULEVARD TOWERS SOUTH, 205, NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60601, U.S.A.

Inventor : HORST T. KAUFHOLD".

Application No. 418/Mas/91 dated May 31, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), patent Office, Chennai Branch.

6 Claims

An improved center sill construction for a railway car of the type having a coupler member extending into a railway car center sill with striker members, said coupler member having a butt end for connection within said centre sill, said center sill having a longitudinal axis a first sidewall with a flange, a second sidewall with a second flange, and an

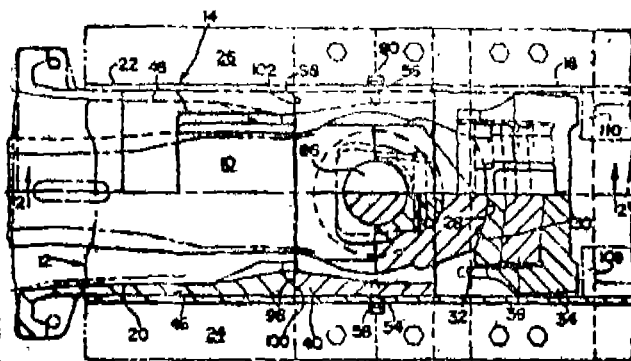
upper wall cooperating to define a center sill channel with an open end, the improvement comprising :

a single retention member of unitary construction extending laterally within said center sill and fitting completely about a longitudinal portion of said but end of said coupler member, said retention member having a first side wall, a second sidewall, an upper wall and a lower wall, cooperating to define a cavity, which retention member sidewalls and upper and lower walls having a front edge and a rear edge,

each of said retention member upper and lower walls having a boss projecting into said cavity and an opening through each said boss and retention member upper and lower walls, which retention member upper and lower wall openings are aligned;

each of said retention member sidewalls having a first wall cross-sectional area at said front edge and a second wall cross-sectional area displaced from said front edge along said longitudinal axis such that said first wall cross-sectional area is greater than said second wall cross-sectional area,

said first side wall and said second side wall of said center sill channel having said striker members attached to each of said walls such that each of said striker members contact said retention member sidewalls at said front edges to transfer draft loads from said retention member to said center sill.



(Compl. Specn. 17 Pages;

Drgns. 1 Sheets)

Ind. Cl. : A 1, 2 & 4

179596

Int. Cl⁴ : G 02 B 6/44; H 01 B 7/18; 3/00

CABLE HAVING NON-METALLIC ARMORING LAYER.

Applicant : AT&T CORP., OF 550 MADISON AVENUE, NEW YORK, N Y 10022, U.S.A.

Inventors :

- (1) CANDIOO JOHN ARROYO,
- (2) PAUL FRANCIES GAGEN.

Application No. 430/Mas/91 dated June 5, 1991.

Convention date : June 22, 1990; (No. 133996; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

11 Claims

A cable, which comprises a core which comprises at least one transmission media, and, a sheath system which encloses said core, said sheath system comprising a plurality of longitudinally extending segments provide a shell enclosing said core with at least portions of facing longitudinal edge surfaces of adjacent segment preformed to be substantially contiguous, being branded helically about said core and being sufficient in number to allow said cable to be counted in a path having a predetermined radius without damaging said cable, each of said segments being a composite comprising a substrate portion which is made of a dielectric material that provides suitable tensile and compressive strength for said cable and which has an outer surface provided with a layer

of a coating material having a relatively high hardness which cooperates with the substrate layer to cause the shell segment to be characterized by a relatively high hardness; and at least one outer element is disposed about said segments and being effective to hold said segments in the configuration of said shell.

(Compl. Specn. 21 Pages;

Drgns. 3 Sheets)

Ind. Cl. : 206-E

179597

Int. Cl⁴ : G 06 F 1/24

A PERSONAL COMPUTER SYSTEM WITH PROCESSOR RESET CONTROL.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NEW YORK, NY 10504, U.S.A.

Inventors :

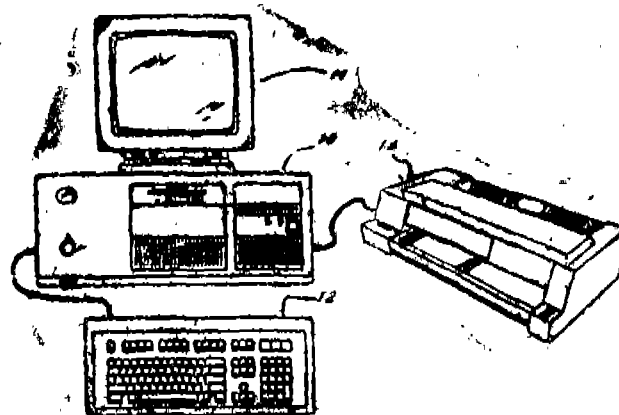
- (1) DANIEL PAUL FUOCO,
- (2) LUIS ANTONIO HERNANDEZ,
- (3) ERIC MATHISEN,
- (4) DENNIS LEE MOELLER,
- (5) JONATHAN HENRY RAYMOND;
- (6) ESMAEIL TASHAKORI.

Application No. 441/Mas/91 dated June 10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

5 Claims

A personal computer system with processor reset control, comprising : a high speed local processor data bus; an input/output data bus a resettable microprocessor coupled directly to said high speed local processor bus; and a bus interface controller coupled directly to said local processor bus and directly to said input/output data bus for providing communications between said local processor bus and said input/output data bus, said bus interface controller having arbitration means for providing arbitration among said resettable microprocessor and any other master devices coupled directly to said local processor bus for access to said local processor bus, and for providing arbitration among said local processor bus and any devices coupled directly to said input/output data bus for access to said input/output data bus, and said bus interface controller further having delayed reset signal generation means which receives a reset signal intended to initiate a reset of said microprocessor, and which delays generation of a reset signal to said microprocessor until said bus interface controller has gained control of said local processor bus and said input/output bus by any of the devices and said microprocessor by the exchange of hold and acknowledge signals.



(Compl. Specn. 17 Pages;

Drgns. 4 Sheets)

Ind. Cl. : 206-E

179598

8 Claims

Int. Cl.⁴ : G 06 F 13/40**A PERSONAL COMPUTER SYSTEM.**

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NEW YORK, 10504, U.S.A.

Inventors :

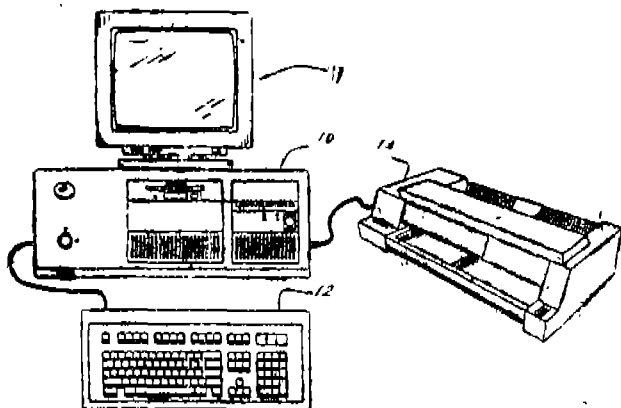
- (1) DANIEL PAUL FUOCO,
- (2) LUIS ANTONIO HERNANDEZ,
- (3) ERIC MATHISEN,
- (4) DENNIS LEE MOELLER,
- (5) JONATHAN HENRY RAYMOND,
- (6) ESMAEIL TASHAKORI.

Application No. 442/Mas/91 dated June '10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972), Patent Office, Chennai Branch.

8 Claims

A personal computer system, comprising : a high speed local processor data bus; an input/output data bus; a microprocessor coupled directly to said local processor bus for accommodating reception of an alternate system controller; and a bus interface controller coupled directly to said local processor bus and directly to said input/output data bus for providing communications between said local processor bus and said input/output data bus, said bus interface controller has detection means for detection of the presence of an alternate system controller received in said connector, and transfer means for transferring control of said local processor bus from said microprocessor to said alternate processor in response to the detection of the presence of an alternate system controller by said detection means.



(Compl. Specn. 19 Pages;

Drgns. 3 Sheet)

Ind. Cl. : 206 E

179599

Int. Cl.⁴ : G 06 F 13/28

"A PERSONAL COMPUTER SYSTEM WITH A BUS INTERFACE CONTROLLER FOR PROVIDING AN ANTICIPATORY PRECHARGE OF MEMORY ADDRESSES."

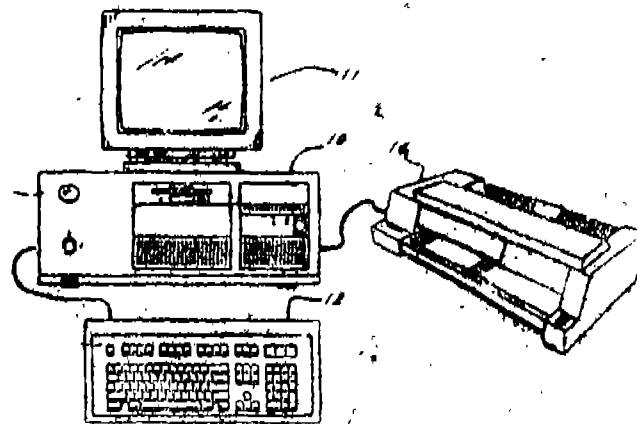
Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NEW YORK 10504, U.S.A.

Inventors : 1. DANIEL PAUL FUOCO, 2. LUIS ANTONIO HERNANDEZ, 3. ERIC MATHISEN, 4. DENNIS LEE MOELLER, 5. JONATHAN HENRY RAYMOND, 6. ESMAEIL TASHAKORI.

Application No. 443/Mas/91 dated June 10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

A personal computer system with a bus interface controller for providing an anticipatory precharge of memory addresses, comprising a high speed local processor data bus; an input/output data bus; a microprocessor coupled directly to said local processor bus; volatile memory coupled to said local processor bus for volatile storage of data; and a bus interface controller coupled directly to said local processor bus and directly to said input/output data bus for providing communications between said local processor bus and said input/output data bus, said bus interface controller providing for arbitration among said microprocessor and any other master device coupled directly to said high speed data bus for access to said high speed data bus, and providing for arbitration among any devices coupled directly to said input/output data bus and said high speed data bus for access to said input/output data bus, and coupled to said volatile memory for supplying row address select signals to said volatile memory and thereby selecting data storage areas to the be accessed, said bus interface controller responding to a change in access granted to said local bus by changing the row address select signal supplied to said volatile memory in preparation for access to potentially different data storage areas of said volatile memory.



(Com. : 21 Pages;

Drwgs.

: 6 Shetts)

Ind. Cl. : 206-E

179600

Int. Cl.⁴ : G 96 F 13/28

A PERSONAL COMPUTER SYSTEM WITH LOCAL BUS ARBITRATION.

Applicant : INTERNATIONAL BUSINESS MACHINES CORPORATION, OF ARMONK, NY 10504, U.S.A.

Inventors : (1) DANIEL PAUL FUOCO, (2) LUIS ANTONIO HERNANDEZ, (3) ERIC MATHISEN, (4) DENNIS LEE MOELLER, (5) JONATHAN HENRY RAYMOND, (6) ESMAEIL TASHAKORI

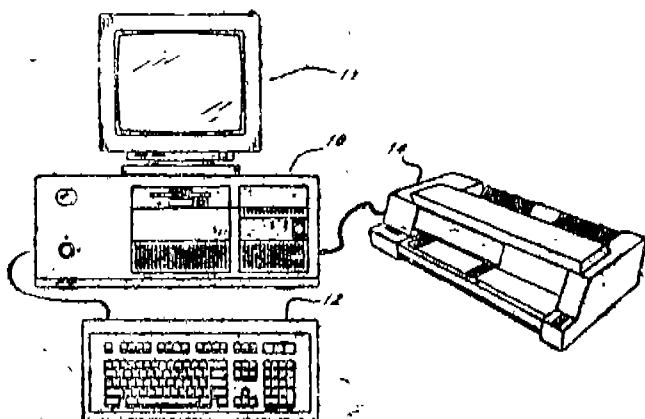
Application No. : 444/Mas/91 dated June 10, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule 1972), Patent Office, Chennai Branch,

8 Claims

A personal computer system comprising : a high speed local processor data bus; an input/output data bus; at least two master devices coupled directly to said local processor bus; and a bus interface controller coupled directly to said local processor bus and directly to said input/output data bus for providing communications between said local processor bus and said input/output data bus, said bus interface controller providing for arbitration among said master devices coupled directly to said local processor bus for access to said local processor bus, and providing for arbitration among said local processor bus and any devices coupled directly to

said input/output data bus for access to said input/output data bus.



(Com. : 25 Pages; Drwgs. : 10 Sheets)

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 162404 granted to ICI India Limited for an invention relating to "novel slurried explosive compositions and method for their manufacture."

The Patent ceased on the 26th July, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th October, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 25th Dec., 1997 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 166049 dated the 29th Aug., 1986 made by Greaves Foseco Ltd. on the 10th July, 1996 and notified in the Gazette of India Part III, Section 2 dated the 26th October, 1996 has been allowed and the said Patent restored.

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 166441 granted to ICI India Limited for an invention relating to a process for the preparation of an ultra sensitive base charge for a detonator for an explosive composition."

The Patent ceased on the 31st Aug., 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th October, 1997.

An interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th, floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 25th Dec., 1997 under Rule 69 of the

Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 167226 granted to ICI India Limited for an invention relating to "improved water-in-oil emulsion explosives and process for the preparation thereof."

The Patent ceased on the 27th July, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th October, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 25th Dec., 1997 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall fee filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 168892 granted to ICI India Limited for an invention relating to "improved water in oil emulsion explosive composition and method for the manufacture thereof."

The Patent ceased on the 8th Dec, 1996 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 18th October, 1997.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M. S. O. Building, 5th, 6th and 7th floor, 234/4, Acharya Jagdish Chandra Bose Road, Calcutta 700 020 on or before the 25th December, 1997 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

OPPOSITION PROCEEDINGS

An opposition entered by Piaggio Veicoli Europe is S.P.A. formerly known as Piaggio & C.S.P.A., Italy to the grant of a Patent Application No. 169134 (715/Del/87) has been allowed and the application for Patent is refused.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

In pursuance of leave granted under Section 20(1) of the patents Act, 1970 application No. 232/Cal/91 (177383) made by DMW (Technology) Limited has been allowed to proceed in the name of Boehringer Ingelheim International GmbH, Germany.

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Amitabha Ray, of Rabindranagar P.O. Laskarpur, Dist. 24 PGS(S), Pin-743515, India have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 177486 of "A method for the manufacture of Decorative Laminated safety Glass and safety synthetic polymeric sheets and substrates." Amendments are by way

of change of address for service from MB PAT BUREAU, 11, Old Post office street, Calcutta-700001 to Rabindra Nagar, P. O. Laskarpur, Dist. 24 PGS(S). Pin-743515,

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharya Jagadish Bose Road, Calcutta-700 020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

RENEWAL FEES PAID

173514 173515 173732 176941 177427 169249 176923 160643
162037 175760 171188 173175 159936 177165 177133 174430
177426 177429 177430 169911 168188 175752 162637 163868
165359 166806 166804 167523 171565 175427 175480 175759
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169782 171178 174962 175062 169871 1152772 164249 165305
165669 161197 167845 165235 170215 165777 167591 167602
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174109 162056 168584 174968 174970 162286 171278 170352
170353 165872 174897 173239 173358 174278 174892 171720
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172692 172957 162724 167057 172127 167259 168352 170377
170042 170376 170361 160426 173685 165401 166135 169630
167679 173650 174375 171724 169490 169419 166016 171740
1726 7 173687 175063 175108 165593 168362 171593 161737
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171723 165239 166136 170271 170339 170297 166807 172641
176651 166272 165606 174984 165880 166171 170322 169416
170403 170280 162055 162474 168650 169976 166020 174377
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168359 168092 166398 166674 170331 170332 173151 163502
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177780 177646 177806 177666 172853 170647 173783 173784
166444 177006 177008

PATENT SEALED ON 26-01-97

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177905 177908 177911 177913 177914 177915* 177916*D
177917 177919* 177920 177923*D 177924*D 177926*F
177927*D 177928*F 177929*D 177930*F 177931 177932
177933* 177934 177935 177936 177937 177938* 177939*D
177940 177942 177944 177945 177946 177947* 177949
177950* 199951 177952 177954 177956 177957"

CAL-6 DEL-18, MUM-12, CHEN-09

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of settling.

D—Drug Patents.

F—Food Patents.

PROCEEDINGS U/S. 63 (FORM 25) OF THE DESIGNS ACT 1911

IN RESPECT OF REGISTERED DESIGN. N. 169291
DATED 7TH JUNE, 1997 IN CLASS 1.

In pursuance of an application of Form 25 received on 8th September 1997. M/s. Canon Appliances, 101, Shantinath Link Road, Dabishar (West), Mumbai-400068, Maharashtra, India have been entered as Registered Proprietor in: place of M/s. Patel Home Appliances Pvt. Ltd., C 114 "Lancelot" Opp : Shastri Nagar, S. V. Road, Borivile (West), Mumbai-400092, Maharashtra, India by virtue of an assignment deed dated 21st August 1997 and made between M/s. Canon Appliance., 101, Shantinath link Road, Dahisar (West), Mumbai-400068, Maharashtra, India of the first part & M/s. Patel Home Appliances Pvt. Ltd., C 114, "Lancelot" Opp: Shastri Nagar, S. V. Road, Borivile (West, Mumbai-40002, Maharashtra of the other part,

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class I. No. 172208, Buhler AG., n Swiss company of CH-9240 Uzwil, Switzerland, "ROTOR MILL", 18th September 1966.

Class 1. Nos, 172216 to 172220, Titan Industries Ltd., whose address is Golden Enclave, Tower A, Airport Road, Bangalore-560017, Karnataka, India, "TIME PIECE", 18th September 1996.

Class 1. No. 169944, Mahi Pal Gupta, Autopal Industries Ltd., E 195 (A) RITCO (Industrial Area, Sangarier, Jaipur, Rajasthan, India, Indian, "CEILING LAMP", 29th September 1995.

Class 1. No. 169981, Mahi Pal Gupta, Autopal Industries Ltd., E, 195 (A) RIICO Industrial Area. Sanganer, Jaipur, Rajasthan, India, Indian "PLUG in ELECTROMAGNETIC CHOKE", 9th October 1995.

Class I. No 169825, Premier Industrial Corp., of 84 A, Vinayakar Street, Sivanda Colony, Coimbatore-641012, Tamilnadu, India, a partnership firm, "A CARRY TYPE KEROSENE PRESSURE STOVE", 11th, September 1995.

Class 3. No. 172225, Reckitt & Colman Products, Ltd., a British Company of One Burlington Lane, London! W4 2RW, U.K., "BOTTLE", 22nd March 1996 (Reciprocity date)

•Class 3. No. 172294, Choudhry Plastic, Plot No. 152, Phase II, Shahzabagh, Industrial complex, Inderlok, Delhi 110035, India, is a proprietorship concern, "GUN". 3rd October 1996,

Class 3. No. 172210, Khairan (India.) Ltd., a Joint Stock Company, 46C, Jawaharlal Nehru Road, Calcutta 700071, W.B., India, "CANOPY OF CEILING FAN", 18th September 1996.

Class 3 Nos. 170092 to 170096, Kurz Moulds & Plastics Ltd., an Indian company at Chhani Road, Baroda-390002, State of Gujarat, India, "FLOPPY BOX", 1st November 1995.

Class 5. No. 170090, Khandelwal Cables Ltd., Khandelwal Industrial Estate, Udyog Nagar, Vrindaban 281121, U.P., India, an Indian company, "CARD-BOARD BOX", 31st October 1995.

Class 12. No. 172215, Super Plastic Industries, 26/1; Najafgarh Road Industrial Area, New Delhi 110015, India, an Indian Partnership firm, "SHOE", 18th September 1996.

T. R. SUBRAMANIAN
Controller General of Patents, Designs & Trade
Marks

प्रबन्धक, भारत सरकार मद्रासालय, फरीदाबाद द्वारा मुद्रित
एवं प्रकाशन निबन्धक. दिल्ली द्वारा प्रकाशित. 1997

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